

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000070.D
 Acq On : 29 Dec 2014 22:06
 Operator : TP
 Sample : MDL-04-S
 Misc : MDL--SOIL-4PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Manual Integrations
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 1/7/2015 9:22:21 AM

Quant Time: Dec 31 06:15:26 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	252830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1110462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	800646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1603570	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1477908	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1162938	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	25811	5.92	ng/uL	0.00
5) Phenol-d5	7.01	99	753613	34.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	481805	35.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	557055	35.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	605264	34.98	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	284925	37.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	305031	38.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	581813	33.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	794738	40.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2074671	35.13	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2428948	34.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	300683	31.52	ng/ul	0.00
57) Fluorene-d10	15.48	176	1722952	33.98	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	196853	24.75	ng/ul	0.00
70) Anthracene-d10	17.32	188	2661607	35.89	ng/ul	0.00
76) Pyrene-d10	19.61	212	2827912	41.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1992738	37.97	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	19047	3.15 ng/uL#	94
4) Benzaldehyde	6.98	77	50523	3.70 ng/ul	94
6) Phenol	7.03	94	68765	3.02 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	59347	3.40 ng/ul	94
10) 2-Chlorophenol	7.41	128	50202	3.08 ng/ul	98
11) 2-Methylphenol	8.28	108	52584	2.99 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	90417	3.22 ng/ul	96
14) Acetophenone	8.66	105	89213	3.02 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	49943	3.23 ng/ul	98
16) 4-Methylphenol	8.61	108	55675	2.93 ng/ul	97
17) Hexachloroethane	8.93	117	23261	3.12 ng/ul	93
20) Nitrobenzene	9.04	77	74788	3.27 ng/ul	99
21) Isophorone	9.57	82	133993	3.04 ng/ul	99
23) 2-Nitrophenol	9.75	139	29260	3.38 ng/ul#	94
24) 2,4-Dimethylphenol	9.81	107	71477	3.04 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	77227	3.14 ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	54035	3.13 ng/ul#	85
28) Naphthalene	10.69	128	178222	3.15 ng/ul	99
30) 4-Chloroaniline	10.79	127	64363	3.17 ng/ul	94
31) Hexachlorobutadiene	10.97	225	39430	3.22 ng/ul	95
32) Caprolactam	11.59	113	14754m	2.56 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	61018	2.88 ng/ul#	90
34) 2-Methylnaphthalene	12.30	142	135377	3.22 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	68674	3.09	ng/ul#	93
37) Hexachlorocyclopentadiene	12.65	237	38430	2.62	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	39984	2.82	ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	43108	2.80	ng/ul	99
40) 1,1'-Biphenyl	13.32	154	178610	3.10	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	139832	3.16	ng/ul	96
42) 2-Nitroaniline	13.56	65	38815	2.71	ng/ul	92
44) Dimethylphthalate	13.93	163	190848	3.24	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	28036	2.67	ng/ul#	81
47) Acenaphthylene	14.20	152	226567	3.04	ng/ul	98
48) 3-Nitroaniline	14.38	138	31365	2.91	ng/ul	86
49) Acenaphthene	14.54	153	147223	3.10	ng/ul	96
50) 2,4-Dinitrophenol	14.59	184	7528	1.41	ng/ul#	82
52) 4-Nitrophenol	14.68	109	37587	2.96	ng/ul	93
53) Dibenzofuran	14.87	168	211567	3.07	ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	44309	2.82	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.10	232	36434	2.75	ng/ul#	92
56) Diethylphthalate	15.29	149	187136	3.03	ng/ul	99
58) Fluorene	15.52	166	174221	3.05	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	89830	3.19	ng/ul	94
60) 4-Nitroaniline	15.53	138	33770	2.77	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.59	198	19240	2.36	ng/ul#	29
64) N-Nitrosodiphenylamine	15.73	169	149740	3.22	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	52997	3.24	ng/ul#	90
66) Hexachlorobenzene	16.53	284	60854	3.23	ng/ul	97
67) Atrazine	16.68	200	54715	2.98	ng/ul	96
68) Pentachlorophenol	16.87	266	23780	2.08	ng/ul	91
69) Phenanthrene	17.26	178	282572	3.26	ng/ul	100
71) Anthracene	17.35	178	280125	3.14	ng/ul	99
72) Carbazole	17.63	167	250350	3.11	ng/ul	99
73) Di-n-butylphthalate	18.19	149	296978	3.10	ng/ul	98
74) Fluoranthene	19.27	202	320631	3.22	ng/ul#	94
77) Pyrene	19.64	202	339767	3.81	ng/ul#	91
78) Butylbenzylphthalate	20.54	149	110685	3.06	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.33	252	77389	2.86	ng/ul	98
80) Benzo(a)anthracene	21.39	228	287157	3.37	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	158503	3.01	ng/ul#	98
82) Chrysene	21.44	228	259776	3.30	ng/ul	98
84) Di-n-octyl phthalate	22.22	149	225359	2.82	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	240979	3.25	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	214477	3.39	ng/ul	99
88) Benzo(a)pyrene	23.60	252	220246	3.38	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	211266	3.11	ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	176003	3.07	ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	171399	3.07	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

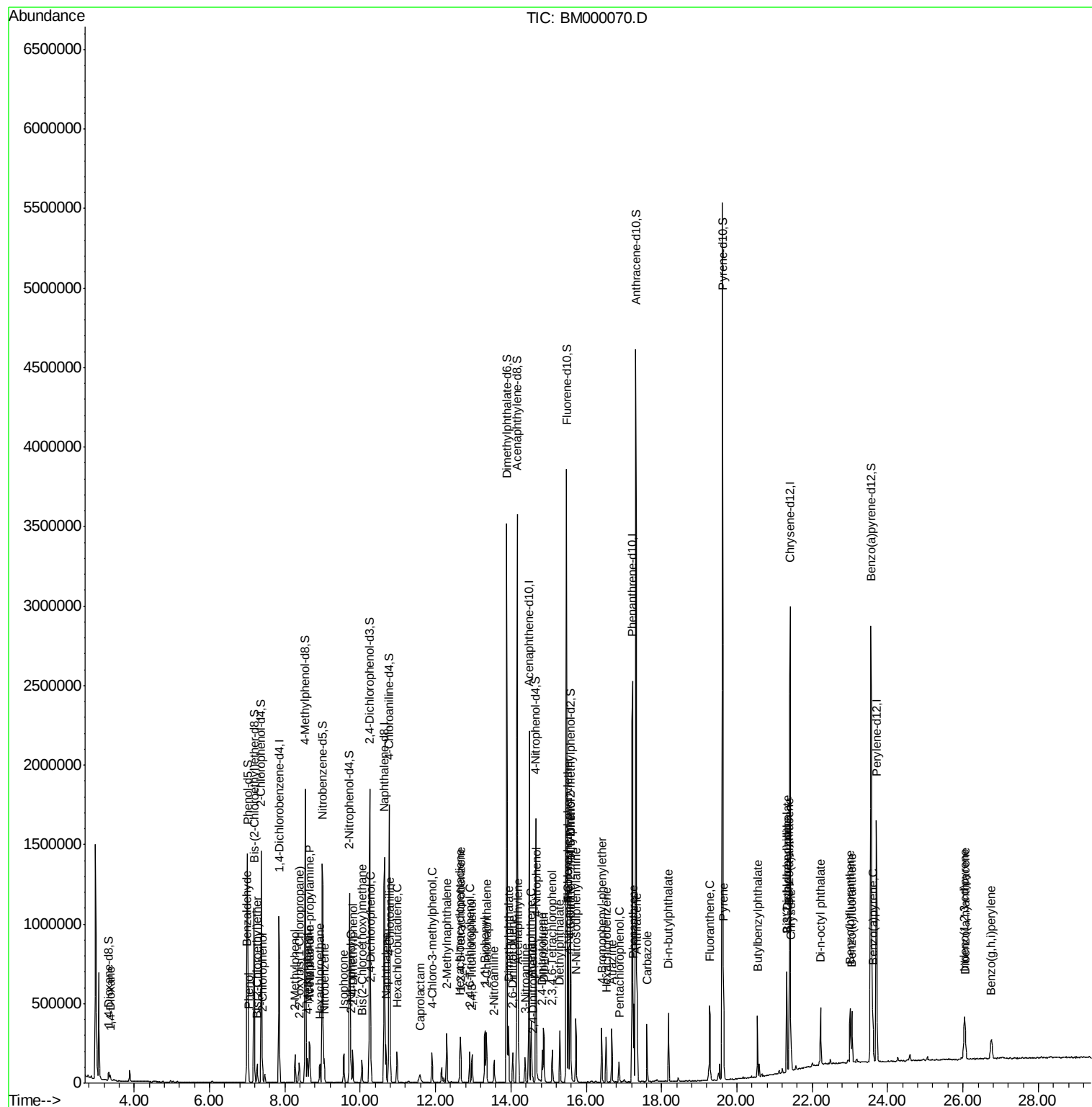
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ALS Vial : 21 Sample Multiplier: 1

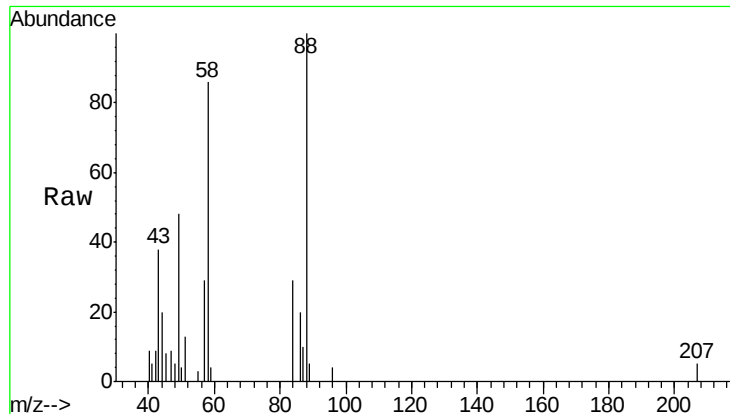
Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

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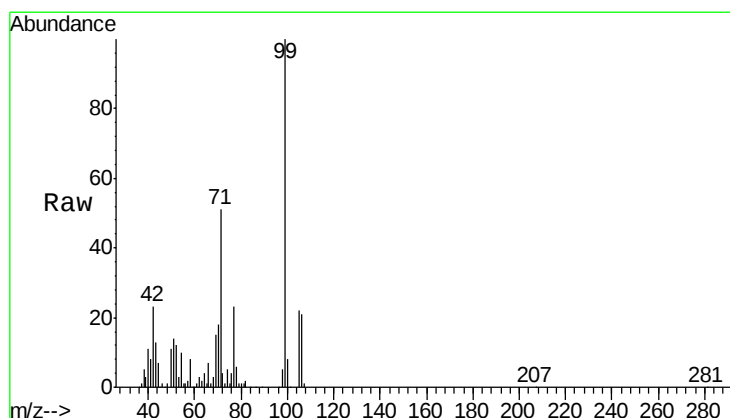
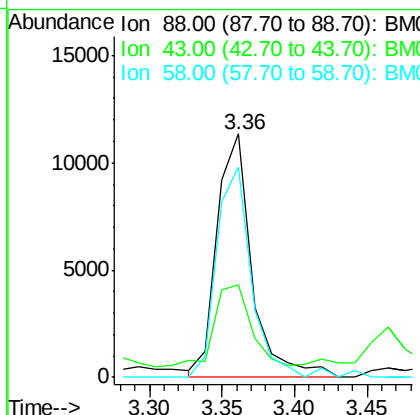
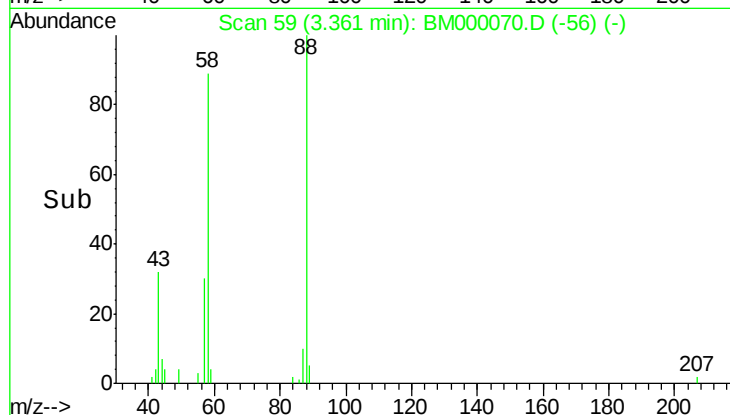
#2
1,4-Dioxane
Concen: 3.15 ng/uL
RT: 3.36 min Scan# 59
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion: 88 Resp: 19047
Ion Ratio Lower Upper
88 100
43 32.3 34.9 52.3#
58 84.5 67.3 100.9

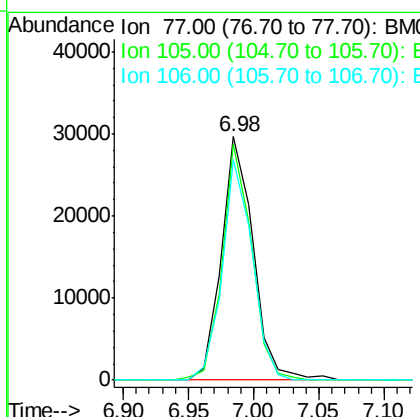
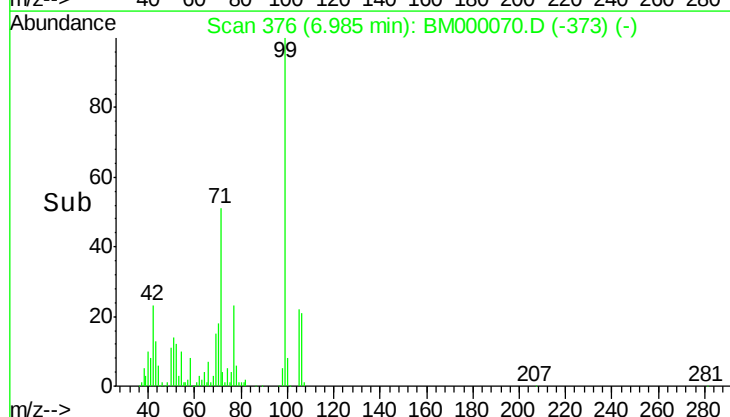
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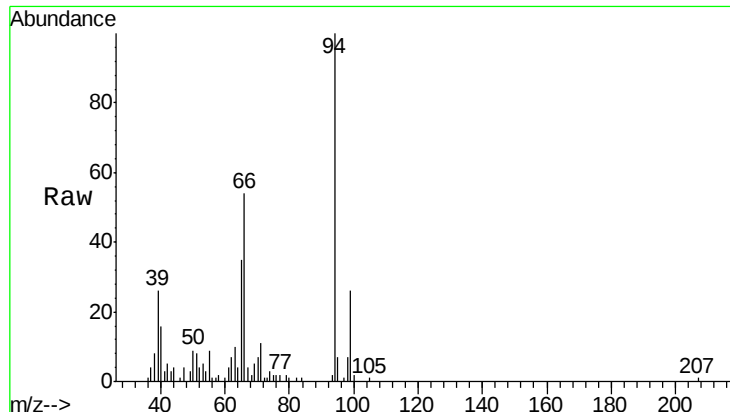
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#4
Benzaldehyde
Concen: 3.70 ng/uL
RT: 6.98 min Scan# 376
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion: 77 Resp: 50523
Ion Ratio Lower Upper
77 100
105 96.9 73.5 110.3
106 90.8 67.9 101.9





#6

Phenol

Concen: 3.02 ng/ul

RT: 7.03 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Instrument :

BNA_M

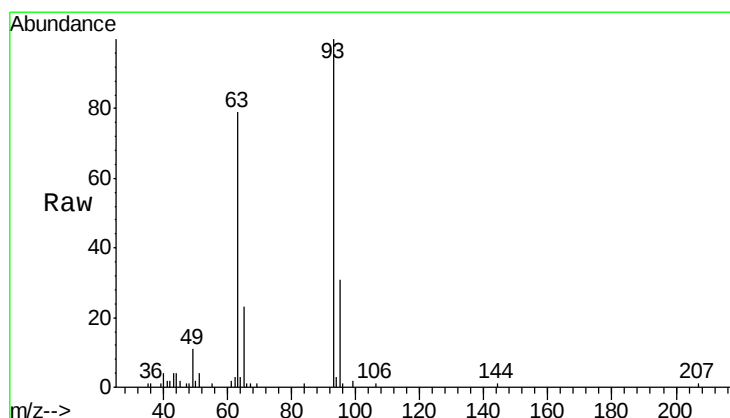
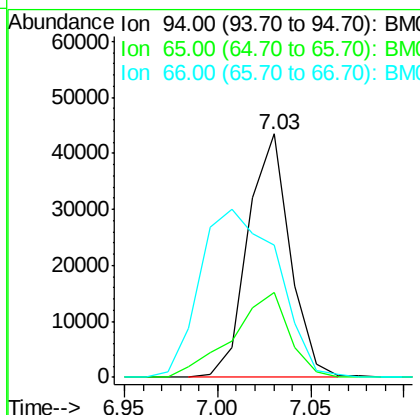
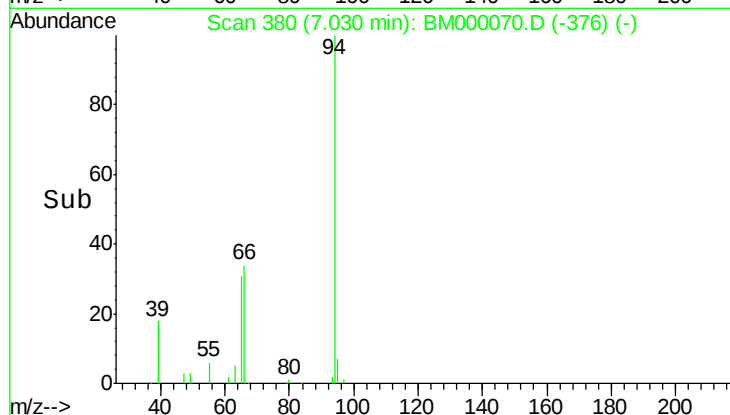
ClientSampled :

MDL-Soil-4

Tgt Ion:	94	Resp:	68765
Ion	Ratio	Lower	Upper
94	100		
65	34.9	27.4	41.0
66	54.4	42.5	63.7

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#8

Bis(2-Chloroethyl)ether

Concen: 3.40 ng/ul

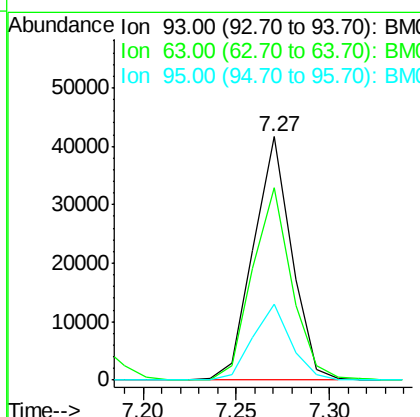
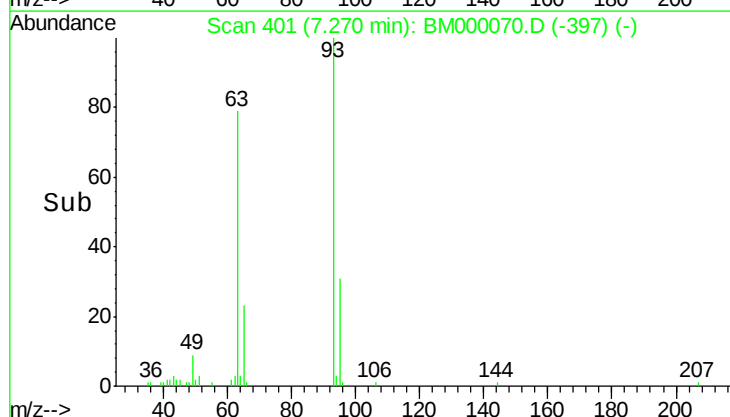
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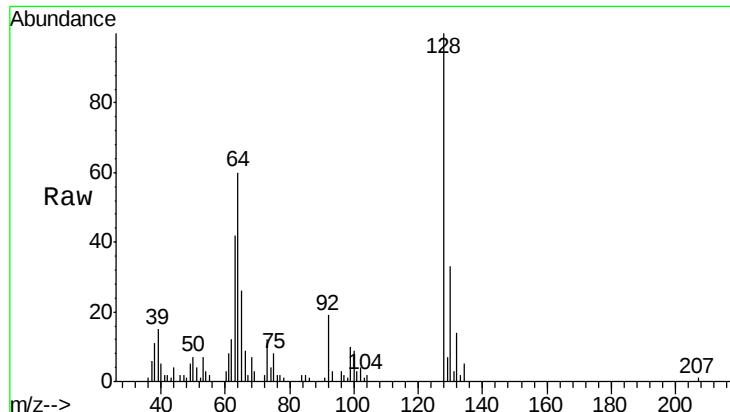
Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Tgt Ion:	93	Resp:	59347
Ion	Ratio	Lower	Upper
93	100		
63	79.1	68.9	103.3
95	31.4	24.6	37.0





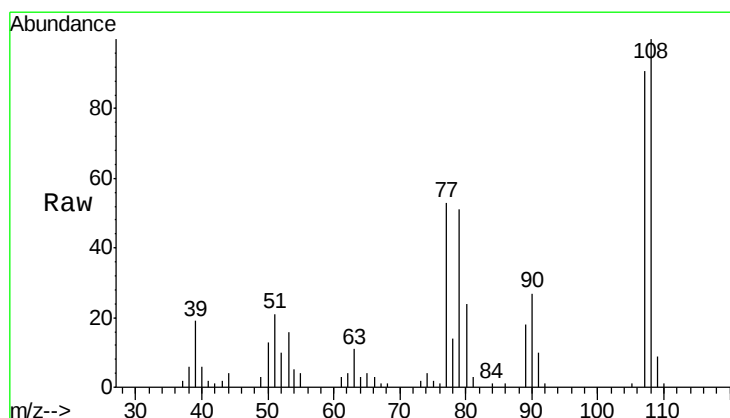
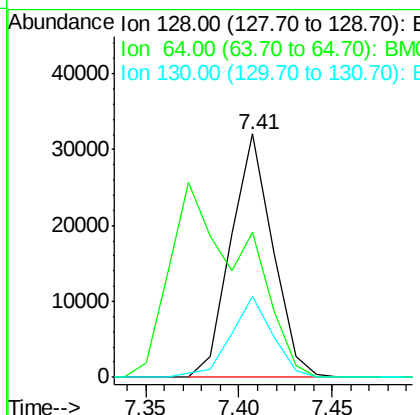
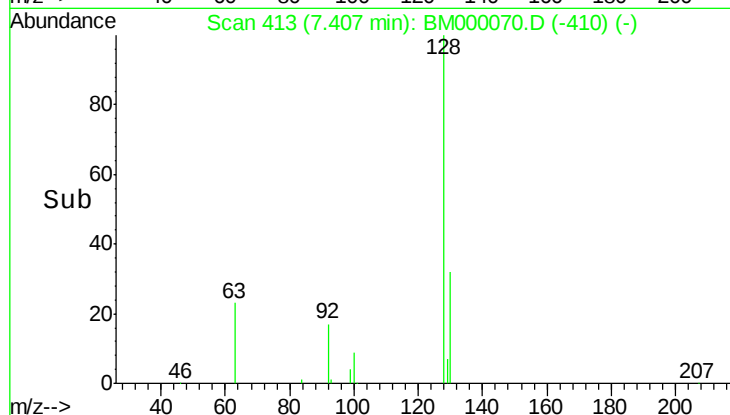
#10
2-Chlorophenol
Concen: 3.08 ng/ul
RT: 7.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
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ClientSampleId :
MDL-Soil-4

Tgt Ion	Ratio	Lower	Upper
128	100		
64	59.6	47.2	70.8
130	33.2	25.2	37.8

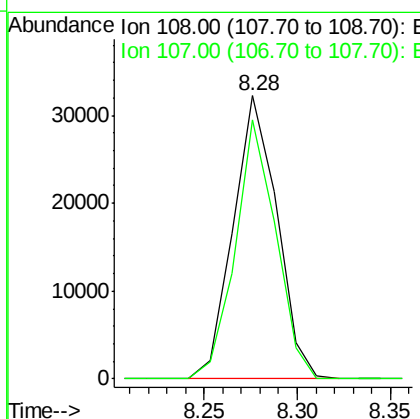
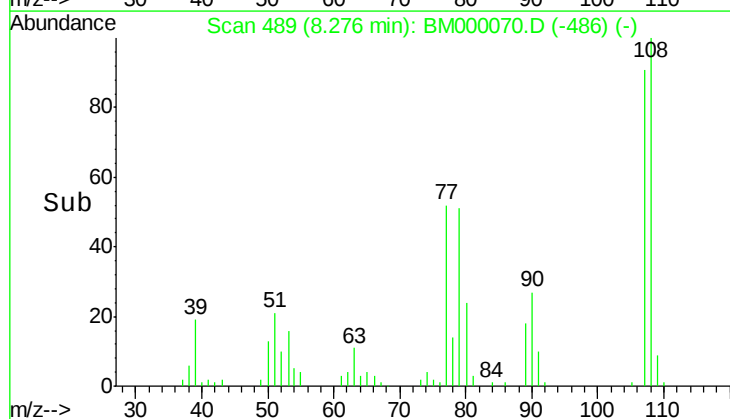
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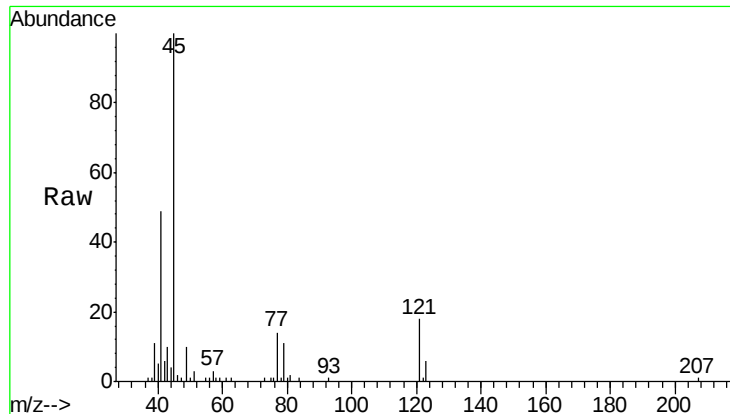
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#11
2-Methylphenol
Concen: 2.99 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.3	70.7	106.1





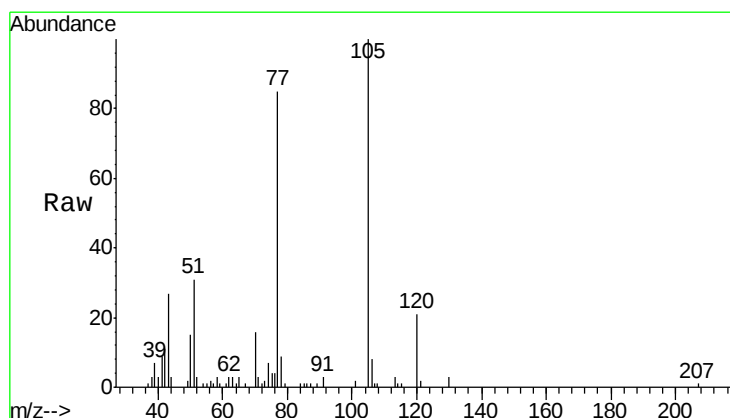
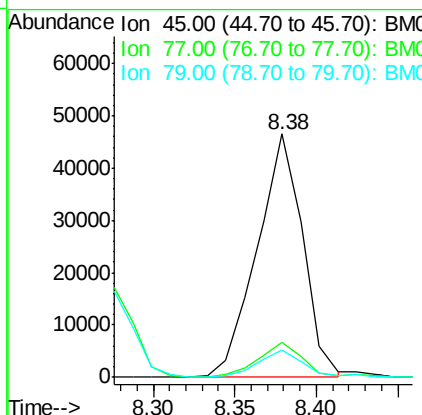
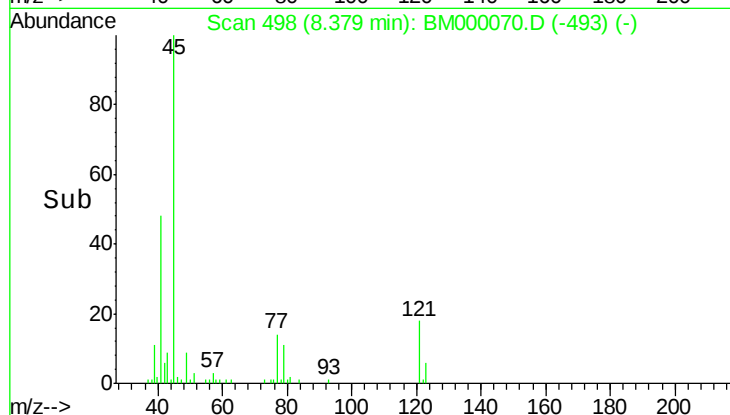
#12
2,2'-oxybis(1-chloropropane)
Concen: 3.22 ng/ul
RT: 8.38 min Scan# 498
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	9.9	14.9
79	11.4	8.3	12.5

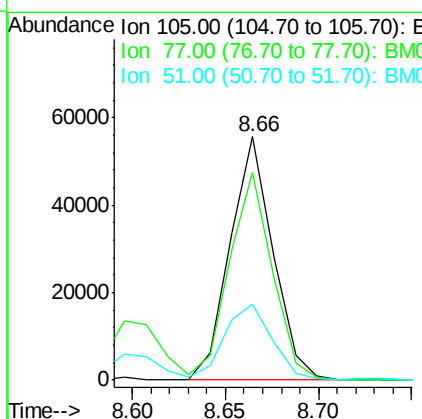
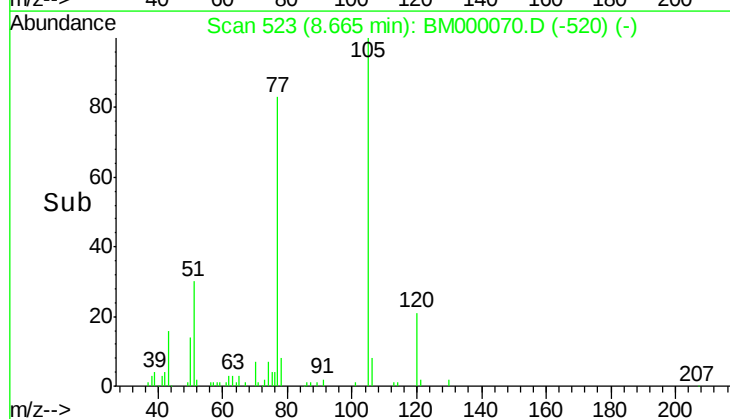
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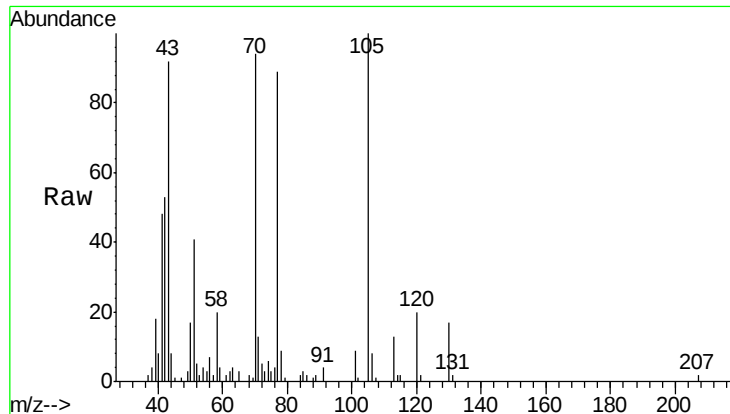
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#14
Acetophenone
Concen: 3.02 ng/ul
RT: 8.66 min Scan# 523
Delta R.T. -0.00 min
Lab File: BM000070.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.2	66.3	99.5
51	31.2	26.5	39.7





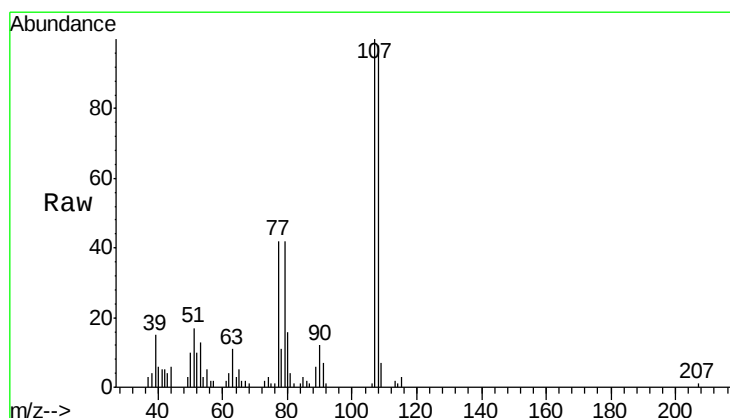
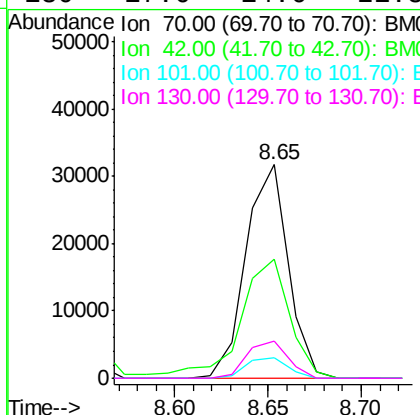
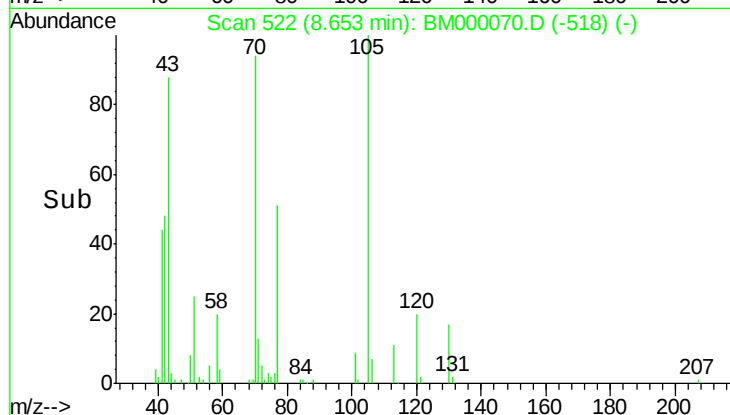
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N-Nitroso-di-n-propylamine
Concen: 3.23 ng/ul
RT: 8.65 min Scan# 522
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	70	Resp:	49943
Ion Ratio	Lower	Upper	
70	100		
42	55.9	46.4	69.6
101	9.7	7.8	11.8
130	17.6	14.6	21.8

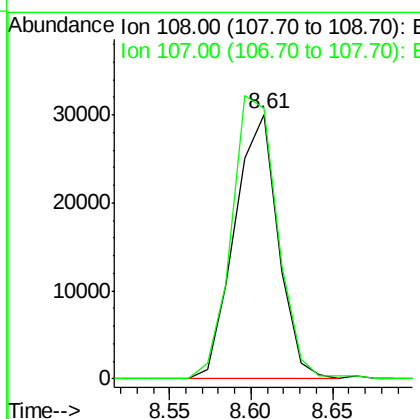
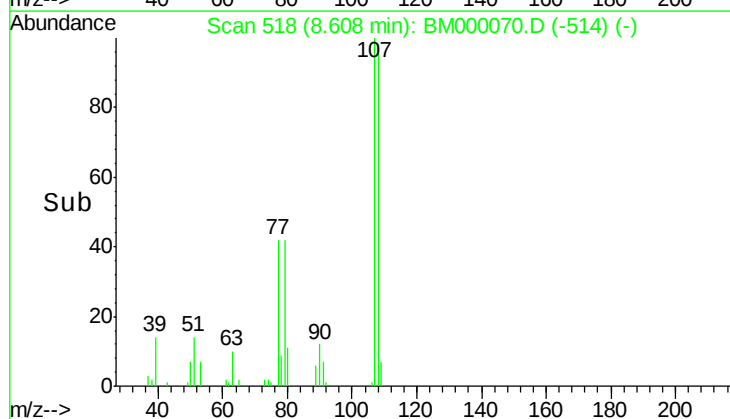
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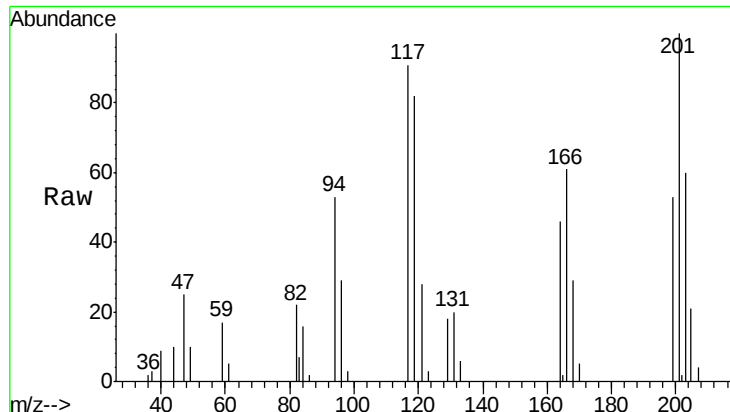
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#16
4-Methylphenol
Concen: 2.93 ng/ul
RT: 8.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BM000070.D
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Tgt Ion:	108	Resp:	55675
Ion Ratio	Lower	Upper	
108	100		
107	102.4	84.0	126.0





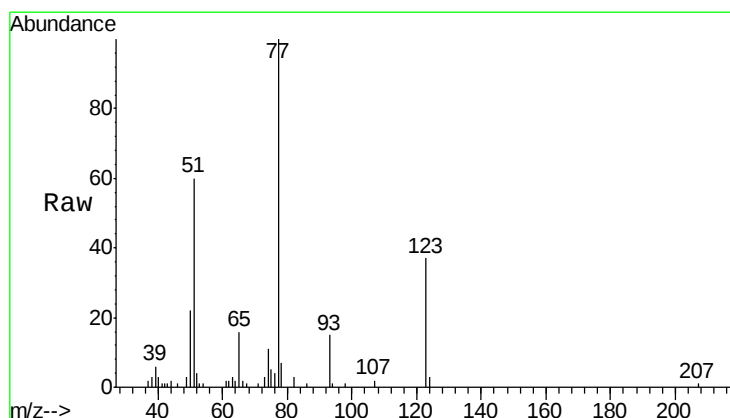
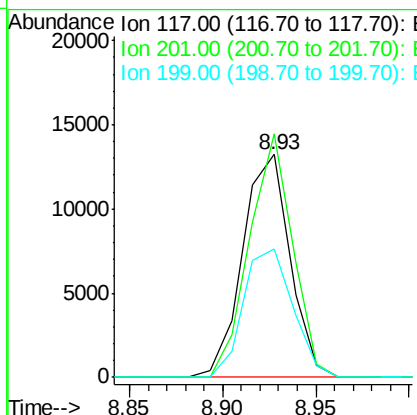
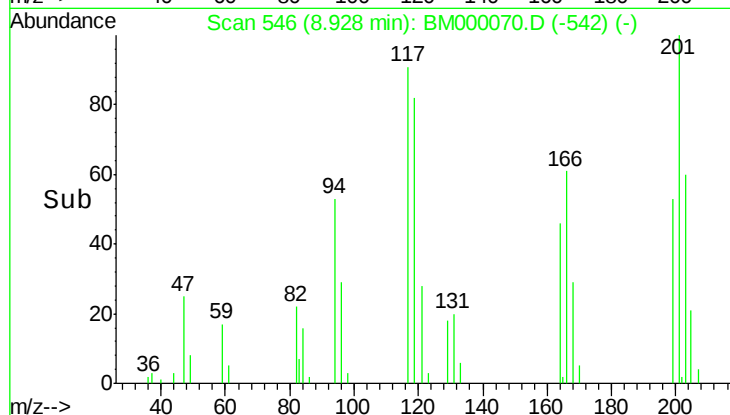
#17
Hexachloroethane
Concen: 3.12 ng/ul
RT: 8.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	23261		
201	109.3	85.2	127.8	
199	57.6	55.1	82.7	

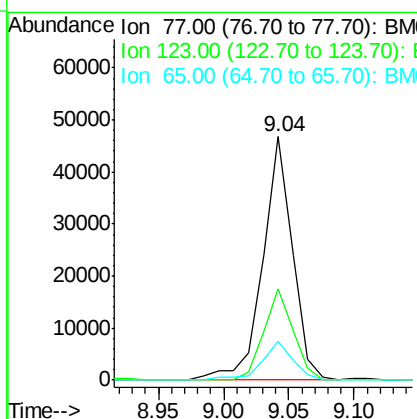
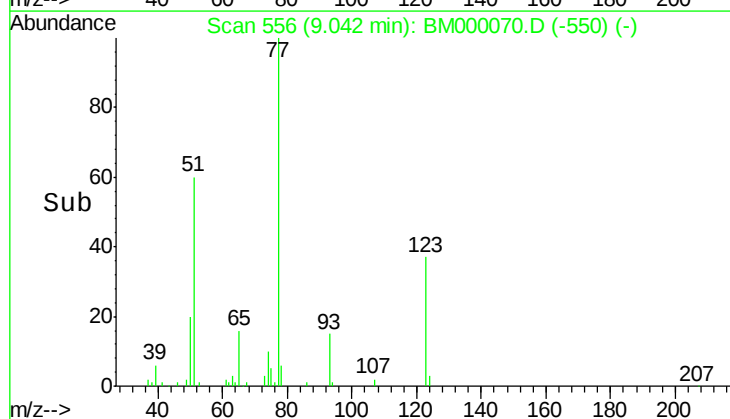
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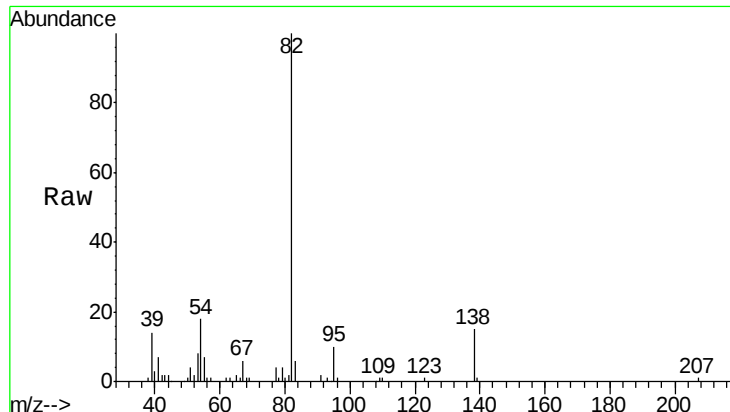
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#20
Nitrobenzene
Concen: 3.27 ng/ul
RT: 9.04 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	74788		
123	37.4	29.2	43.8	
65	15.9	12.4	18.6	





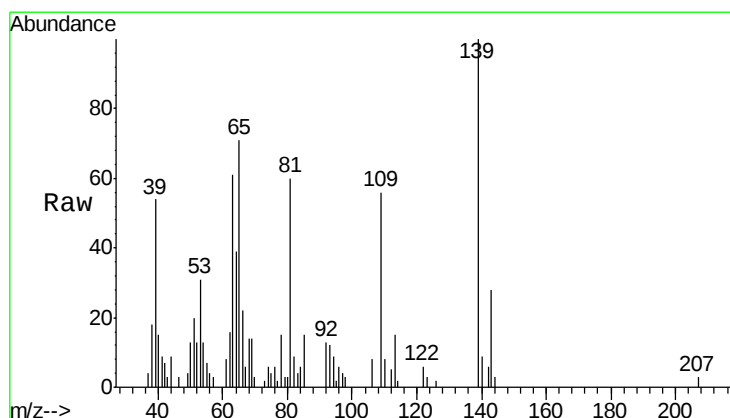
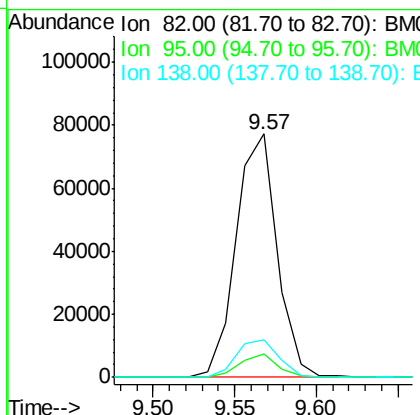
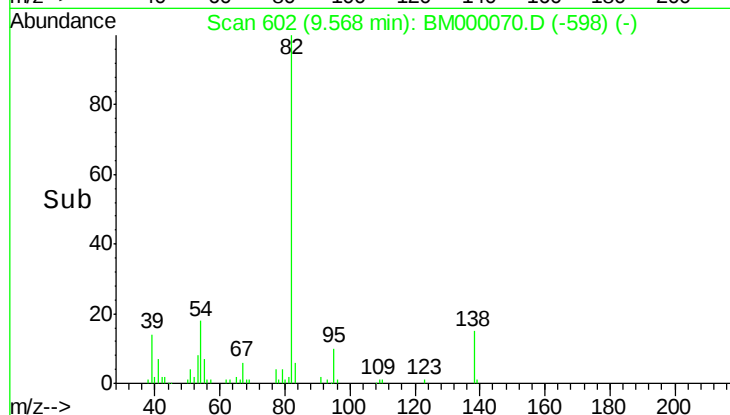
#21
Isophorone
Concen: 3.04 ng/ul
RT: 9.57 min Scan# 602
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampled :
MDL-Soil-4

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	133993		
95	9.6	6.9	10.3	
138	15.3	12.1	18.1	

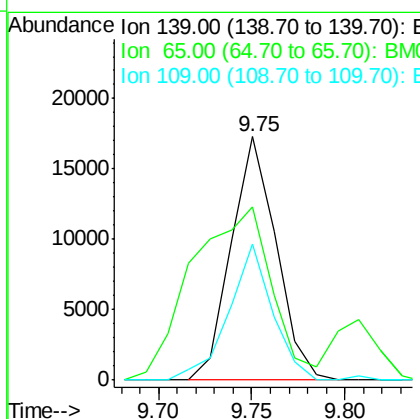
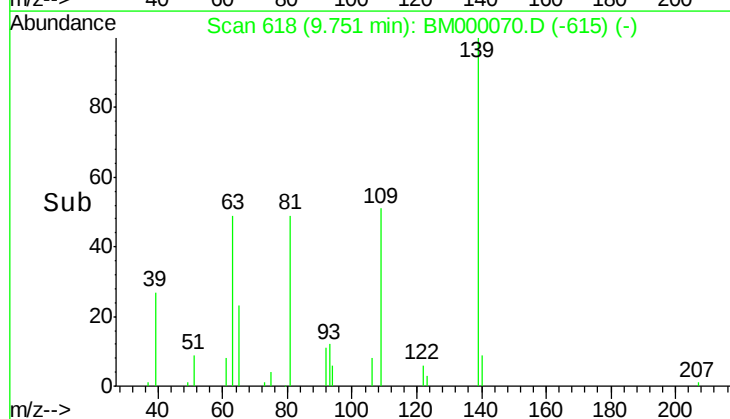
Manual Integrations
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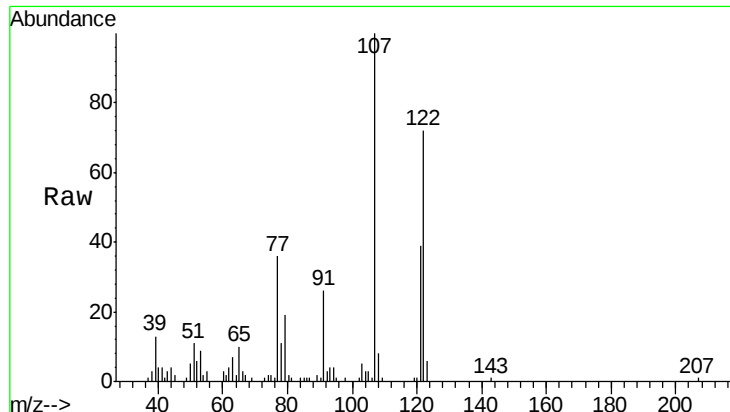
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#23
2-Nitrophenol
Concen: 3.38 ng/ul
RT: 9.75 min Scan# 618
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	29260		
65	70.9	56.3	84.5	
109	55.8	37.1	55.7#	





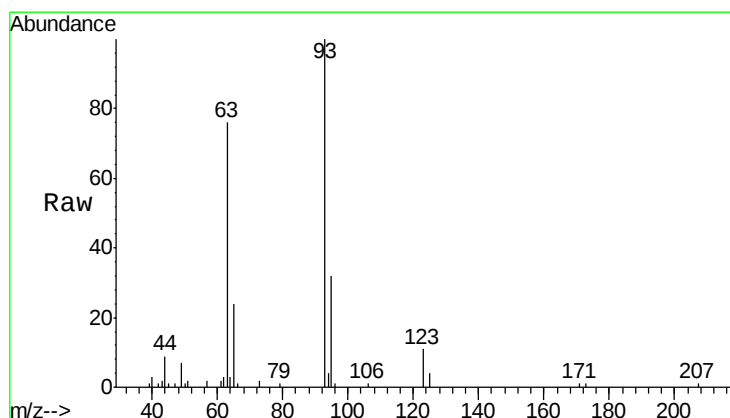
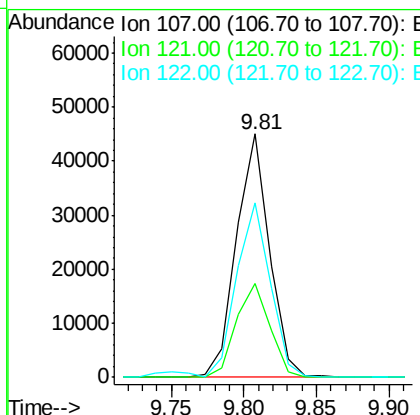
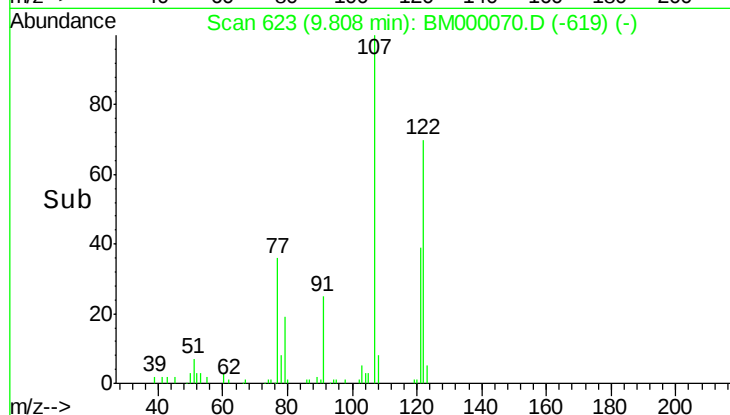
#24
 2,4-Dimethylphenol
 Concen: 3.04 ng/ul
 RT: 9.81 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion	Ratio	Lower	Upper
107	100		
121	38.7	33.0	49.6
122	71.6	59.3	88.9

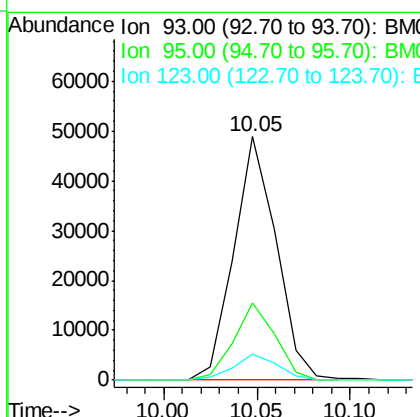
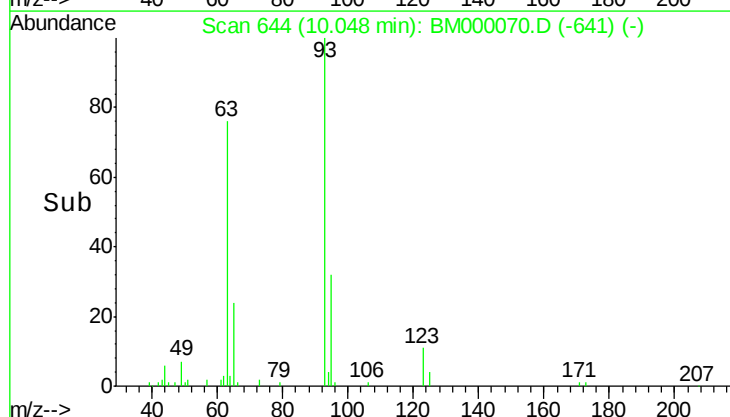
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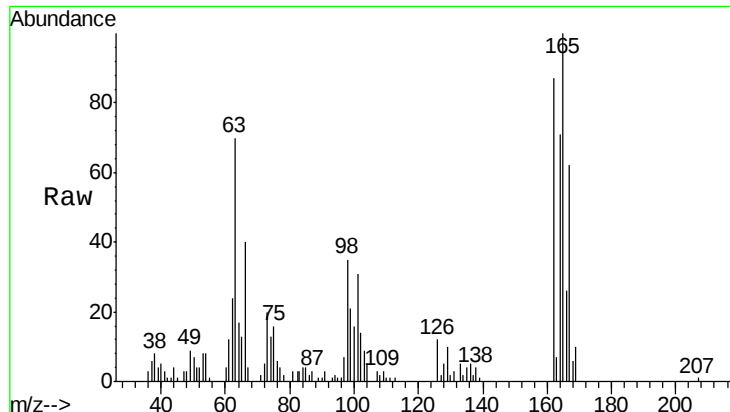
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.14 ng/ul
 RT: 10.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.1	39.1
123	10.6	7.4	11.2





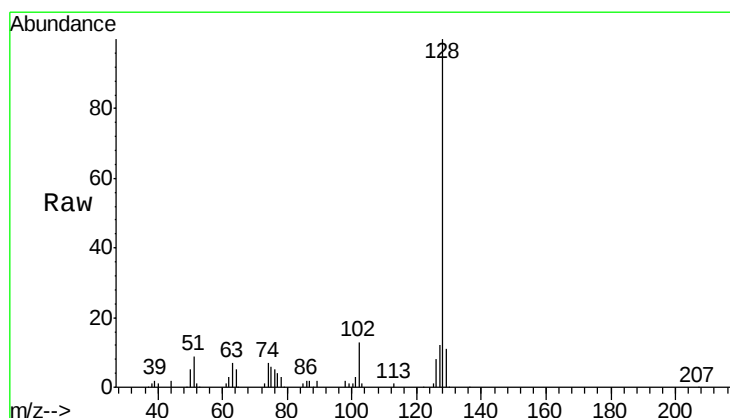
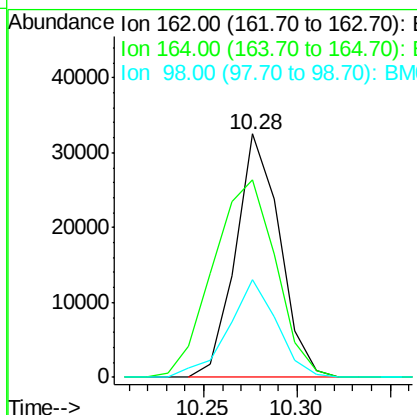
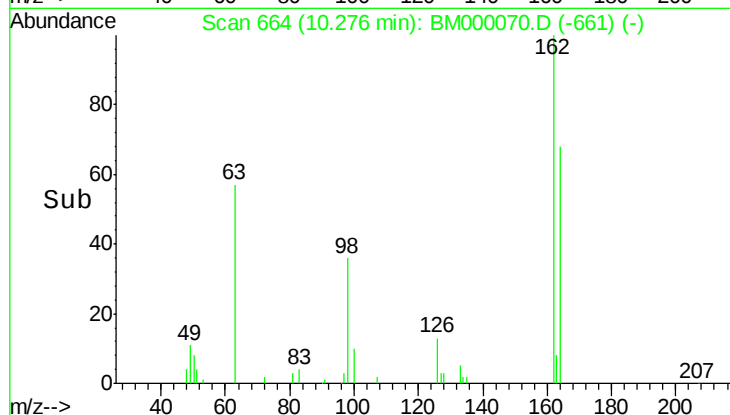
#27
 2,4-Dichlorophenol
 Concen: 3.13 ng/ul
 RT: 10.28 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:	162	Resp:	54035
Ion Ratio	Lower	Upper	
162	100		
164	81.1	50.2	75.4#
98	40.4	31.4	47.2

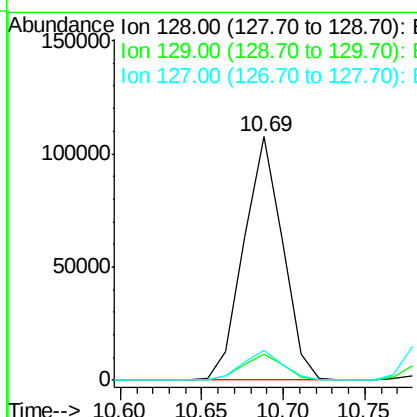
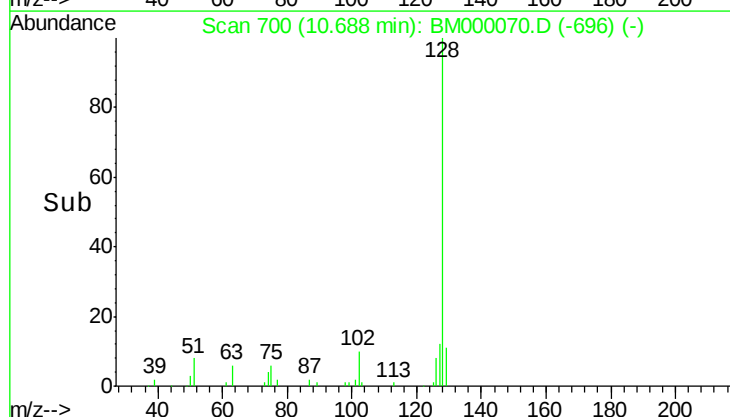
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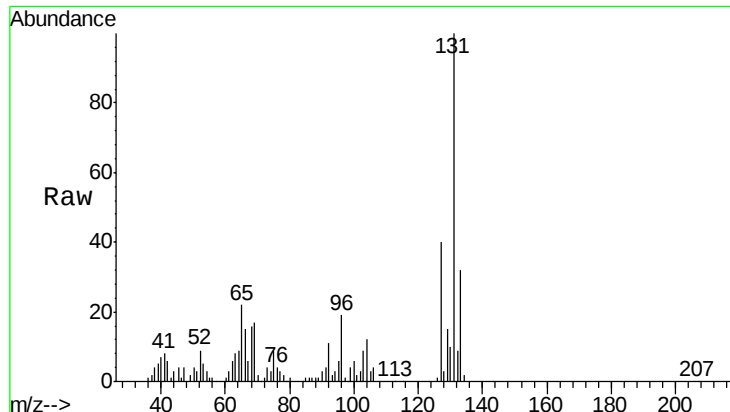
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#28
 Naphthalene
 Concen: 3.15 ng/ul
 RT: 10.69 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:	128	Resp:	178222
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	13.0
127	12.1	10.3	15.5





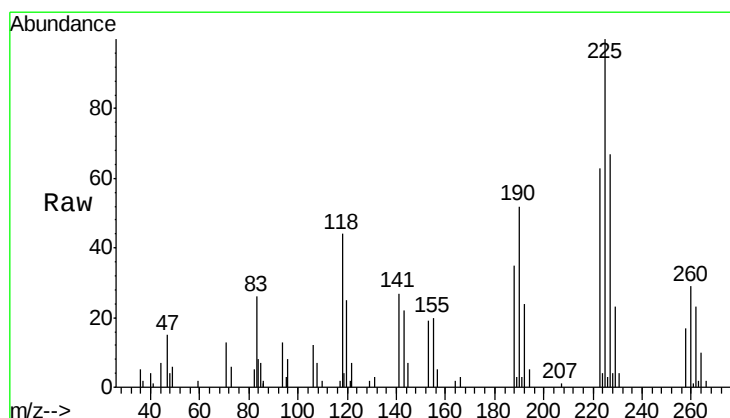
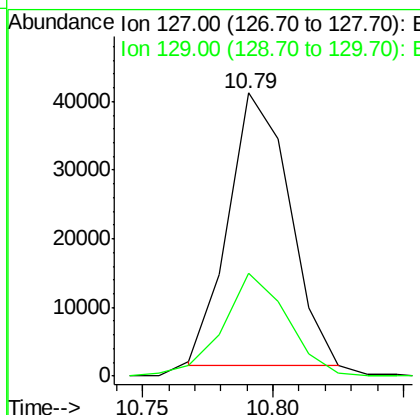
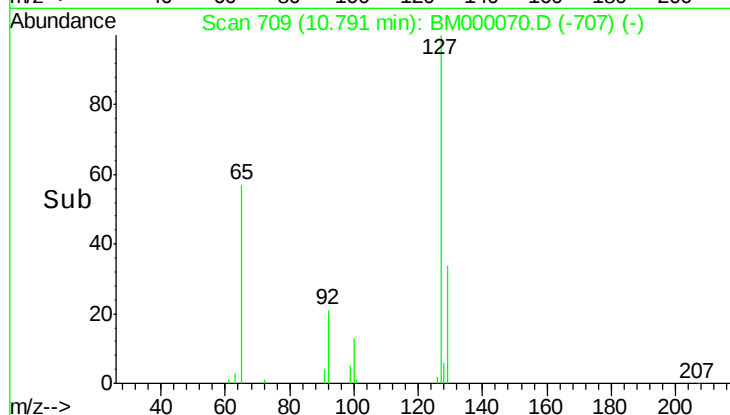
#30
 4-Chloroaniline
 Concen: 3.17 ng/ul
 RT: 10.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:127 Resp: 64363
 Ion Ratio Lower Upper
 127 100
 129 36.2 26.5 39.7

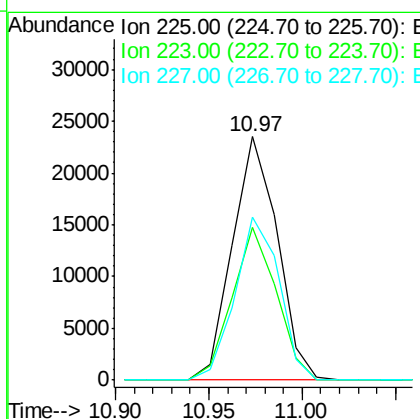
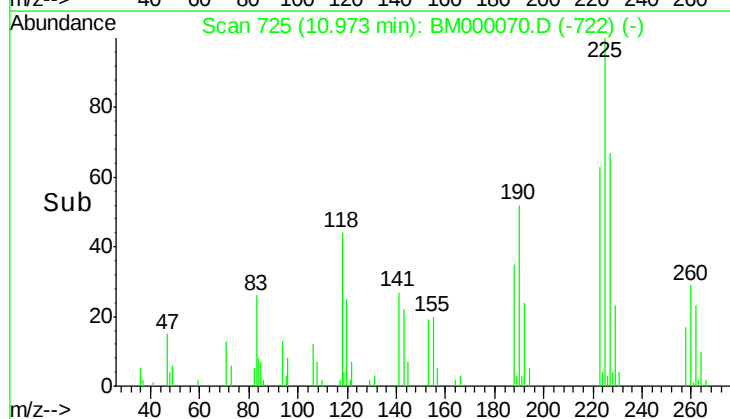
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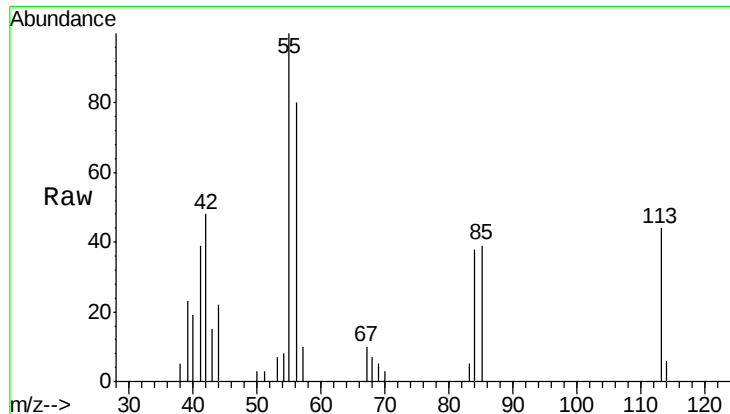
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#31
 Hexachlorobutadiene
 Concen: 3.22 ng/ul
 RT: 10.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:225 Resp: 39430
 Ion Ratio Lower Upper
 225 100
 223 62.6 54.4 81.6
 227 67.2 51.8 77.8





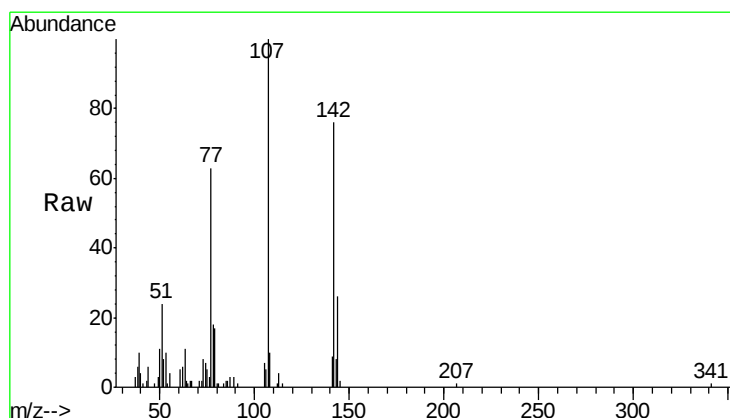
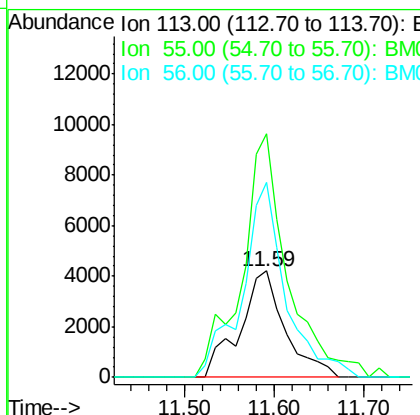
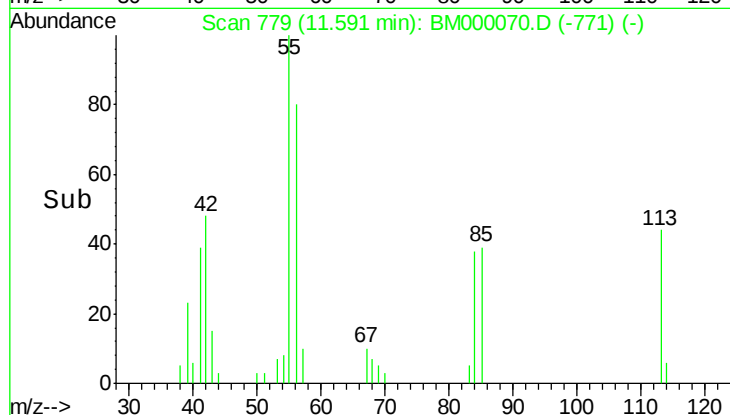
#32
 Caprolactam
 Concen: 2.56 ng/ul m
 RT: 11.59 min Scan# 779
 Delta R.T. 0.05 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:113 Resp: 14754
 Ion Ratio Lower Upper
 113 100
 55 228.4 156.6 234.8
 56 182.9 126.3 189.5

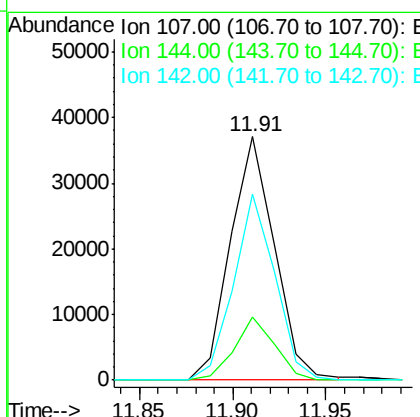
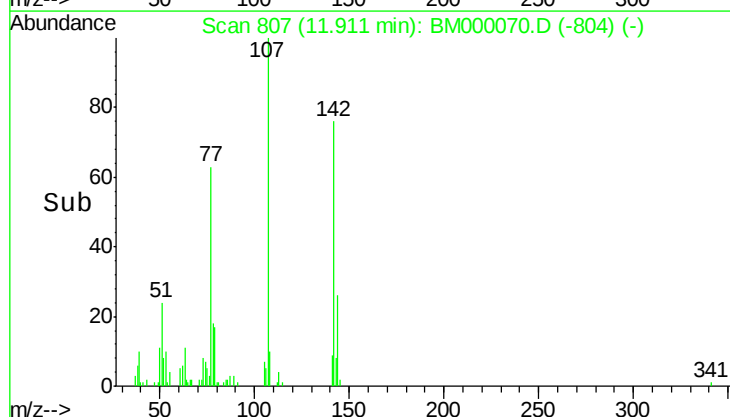
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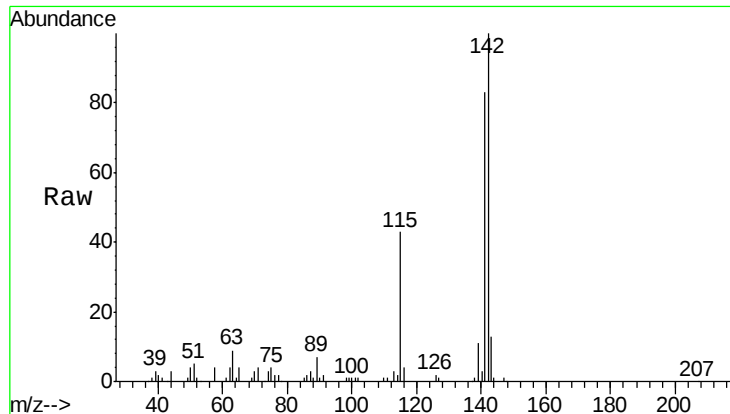
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#33
 4-Chloro-3-methylphenol
 Concen: 2.88 ng/ul
 RT: 11.91 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:107 Resp: 61018
 Ion Ratio Lower Upper
 107 100
 144 26.0 16.6 24.8#
 142 76.2 54.6 82.0





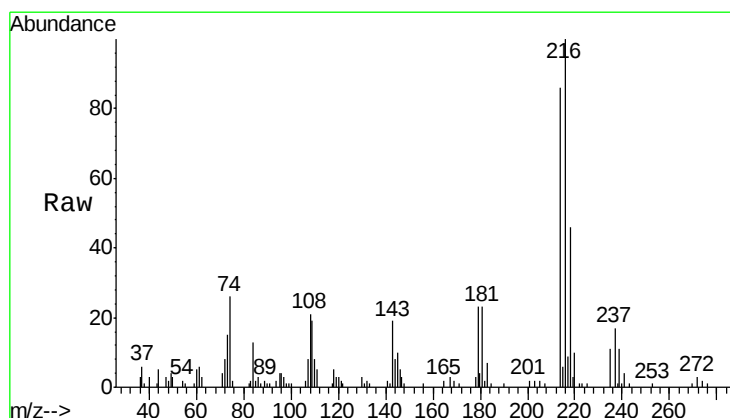
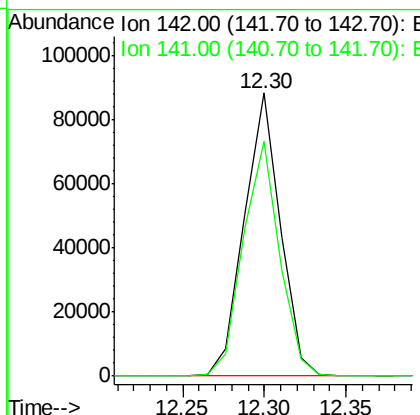
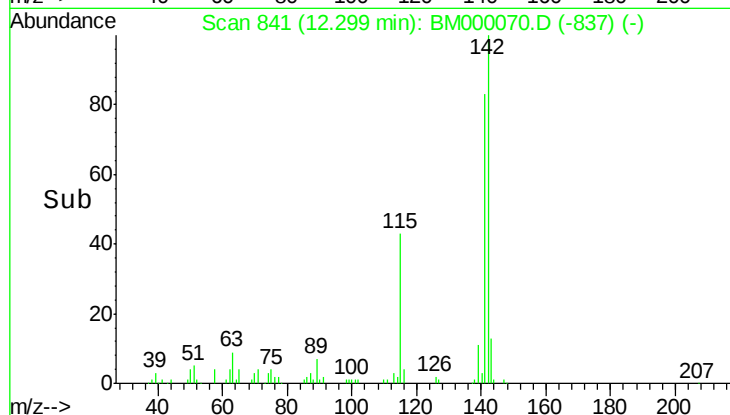
#34
 2-Methylnaphthalene
 Concen: 3.22 ng/ul
 RT: 12.30 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:142 Resp: 135377
 Ion Ratio Lower Upper
 142 100
 141 82.9 69.3 103.9

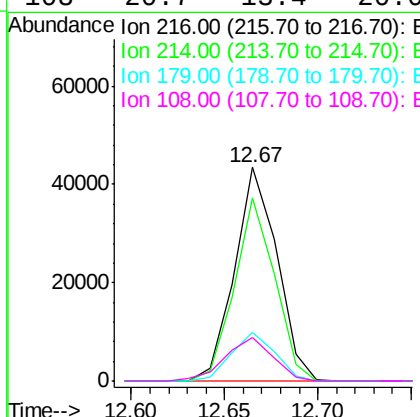
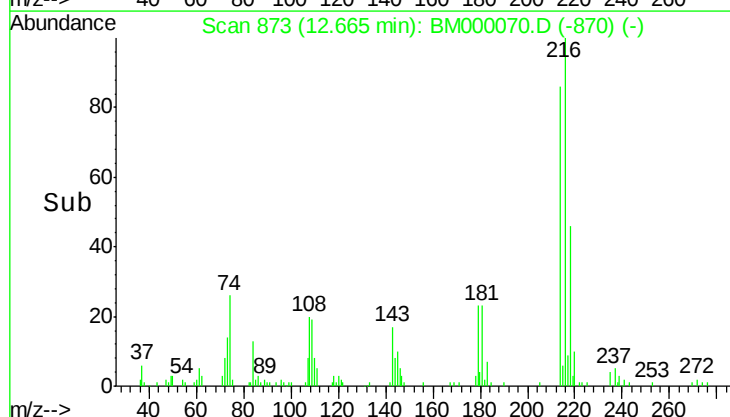
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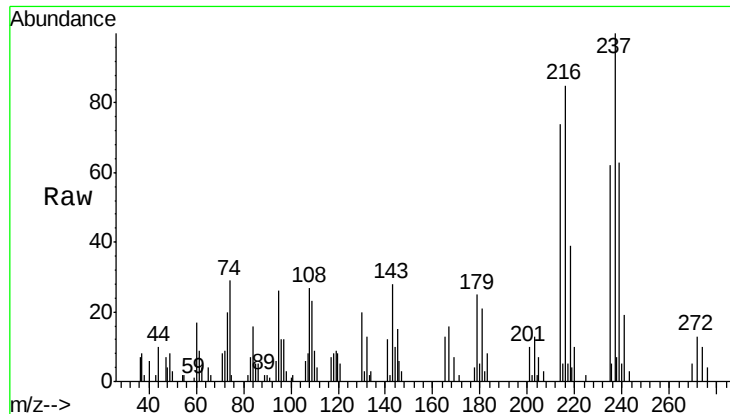
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.09 ng/ul
 RT: 12.67 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:216 Resp: 68674
 Ion Ratio Lower Upper
 216 100
 214 85.5 62.6 94.0
 179 22.8 17.4 26.2
 108 20.7 13.4 20.0#





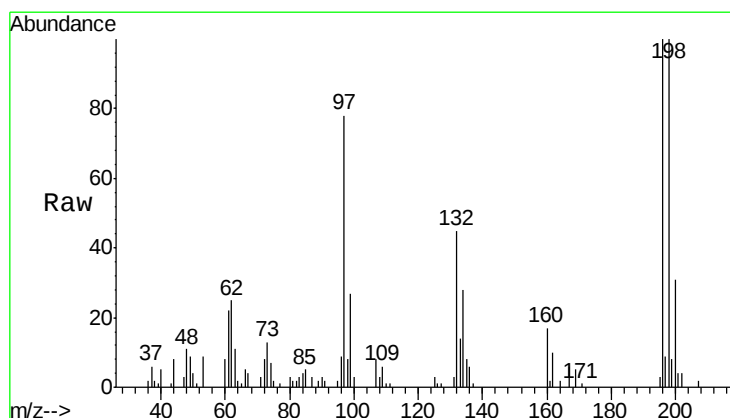
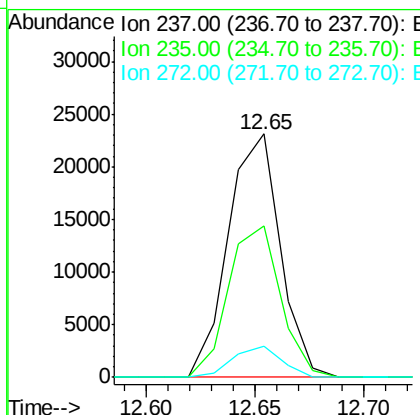
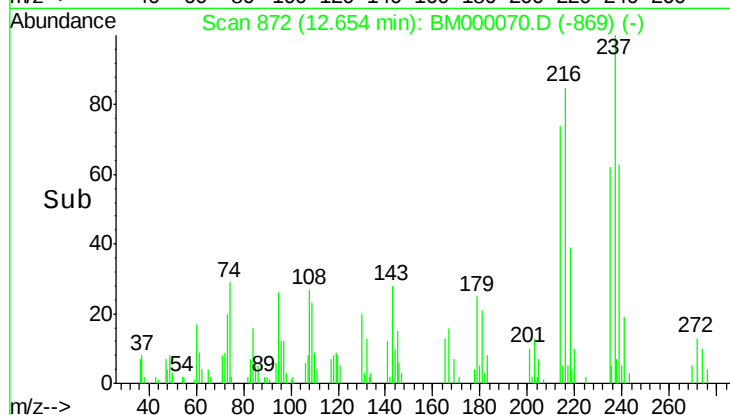
#37
Hexachlorocyclopentadiene
Concen: 2.62 ng/ul
RT: 12.65 min Scan# 872
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	38430		
235	62.3	50.0	75.0	
272	13.0	8.9	13.3	

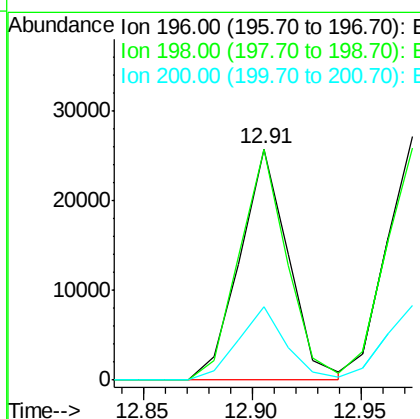
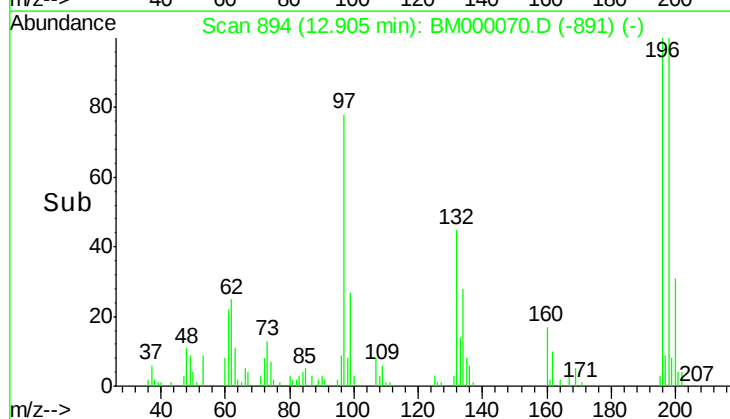
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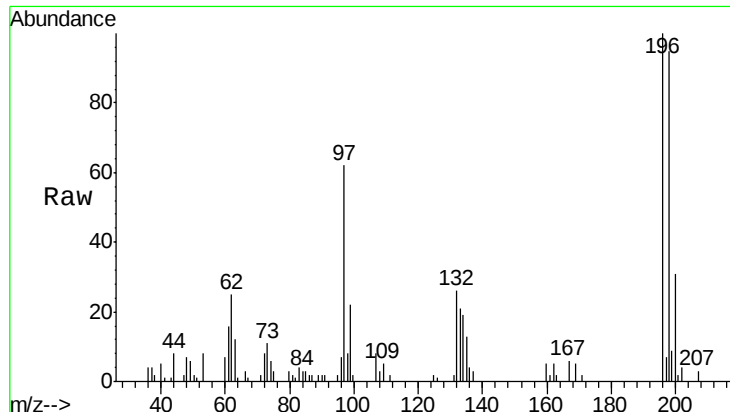
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#38
2,4,6-Trichlorophenol
Concen: 2.82 ng/ul
RT: 12.91 min Scan# 894
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	39984		
198	100.1	76.6	114.8	
200	31.5	24.5	36.7	





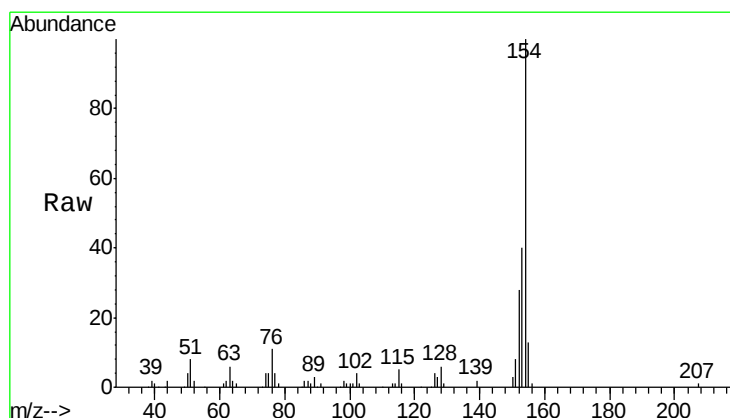
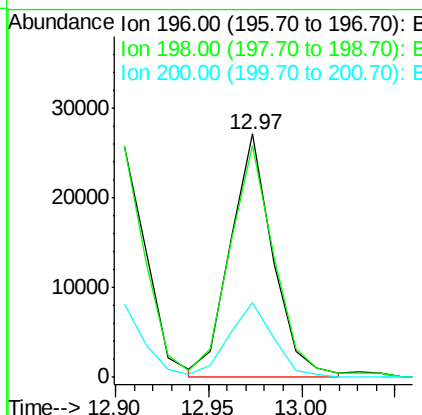
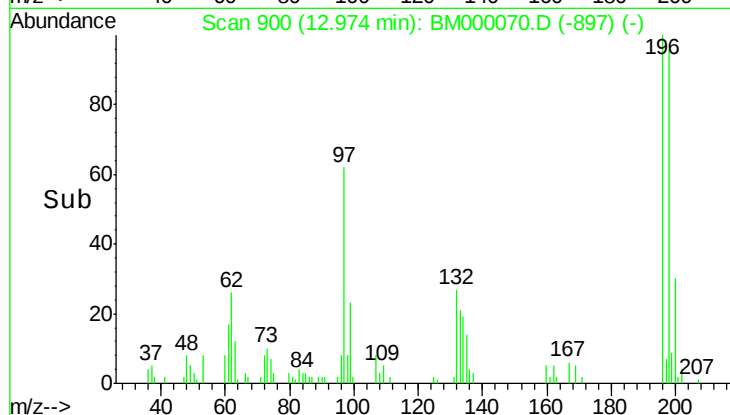
#39
 2,4,5-Trichlorophenol
 Concen: 2.80 ng/ul
 RT: 12.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43108		
198	95.2	75.4	113.2	
200	30.6	25.0	37.4	

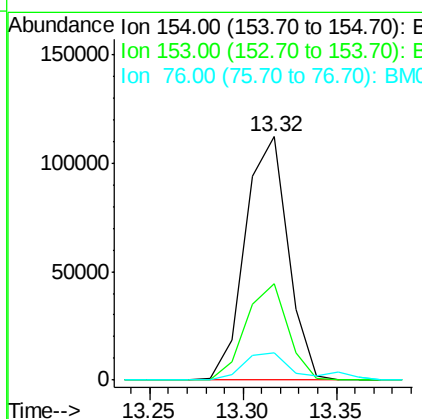
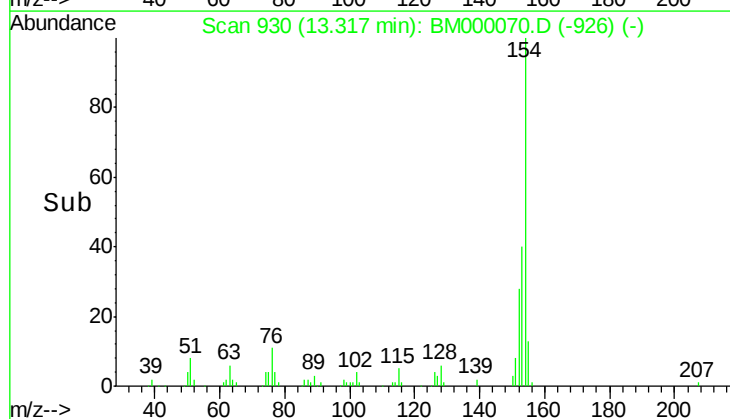
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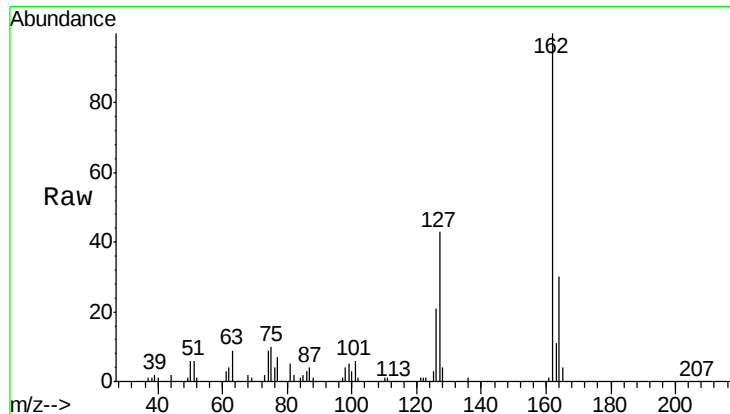
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#40
 1,1'-Biphenyl
 Concen: 3.10 ng/ul
 RT: 13.32 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	178610		
153	39.8	30.5	45.7	
76	11.3	8.9	13.3	





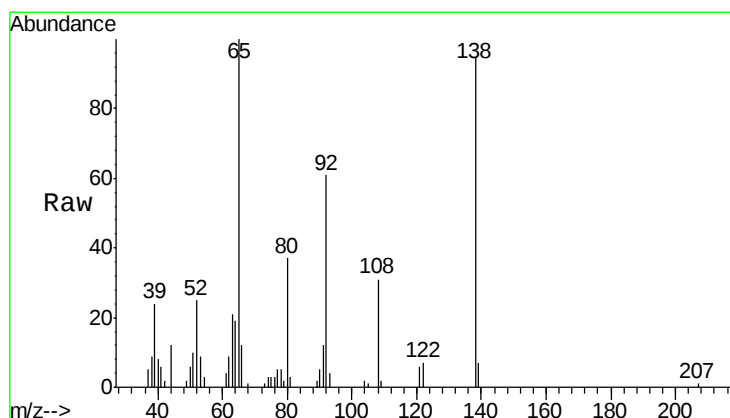
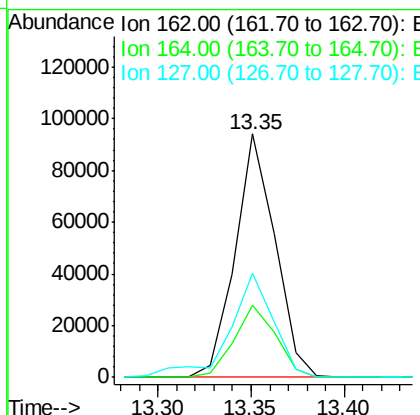
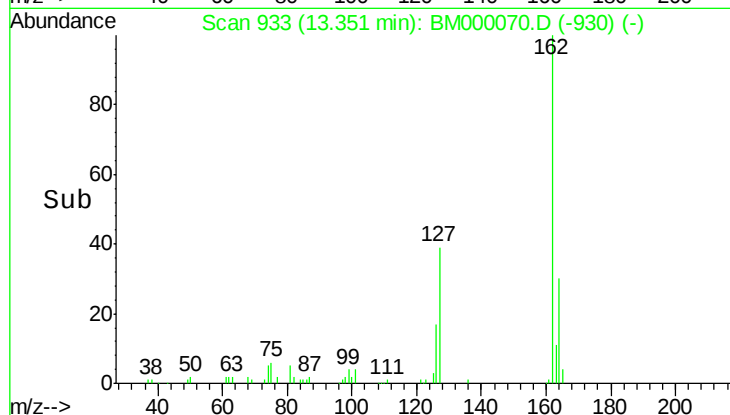
#41
 2-Chloronaphthalene
 Concen: 3.16 ng/ul
 RT: 13.35 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion: 162 Resp: 139832
 Ion Ratio Lower Upper
 162 100
 164 29.7 25.8 38.6
 127 43.0 35.9 53.9

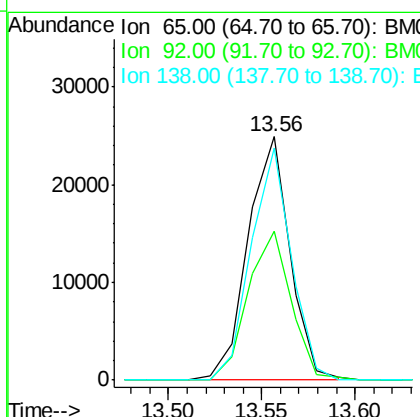
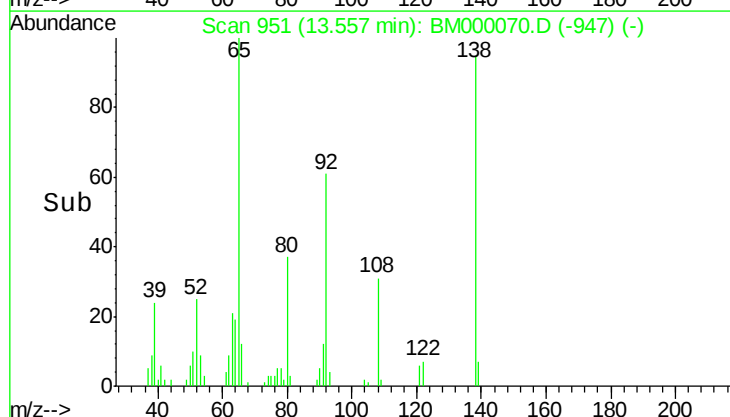
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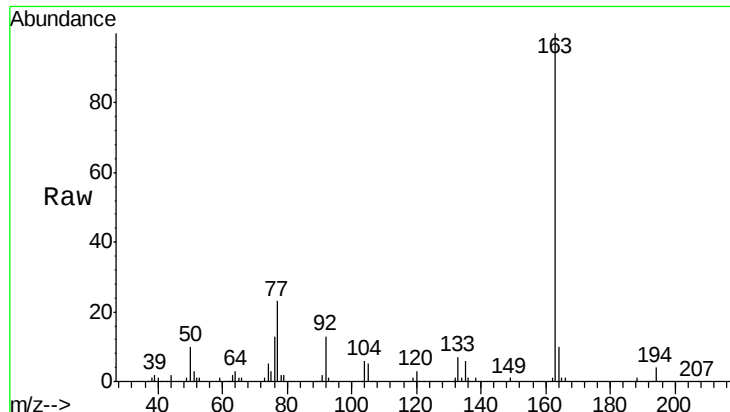
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#42
 2-Nitroaniline
 Concen: 2.71 ng/ul
 RT: 13.56 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion: 65 Resp: 38815
 Ion Ratio Lower Upper
 65 100
 92 61.3 50.4 75.6
 138 95.3 66.9 100.3





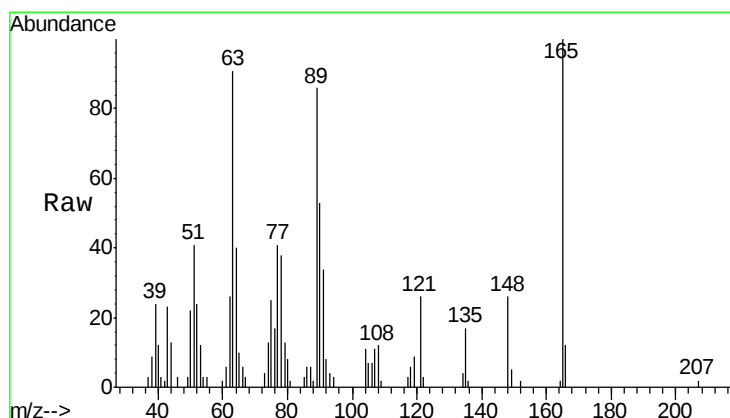
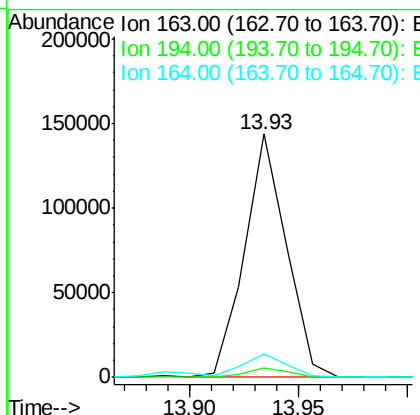
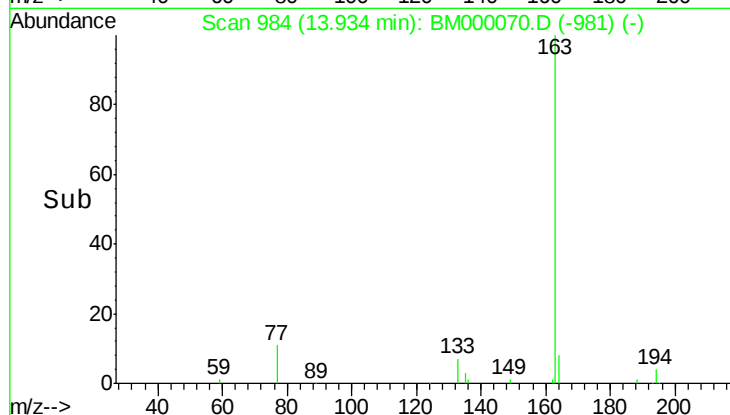
#44
Dimethylphthalate
Concen: 3.24 ng/ul
RT: 13.93 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	190848		
194	3.7		3.0	4.4
164	9.7		8.5	12.7

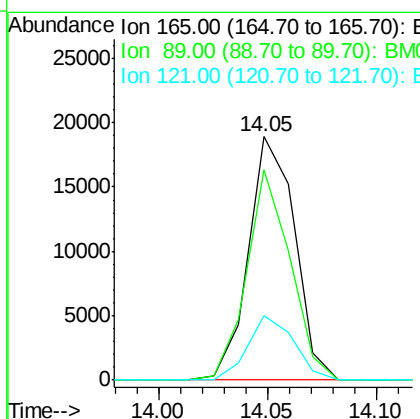
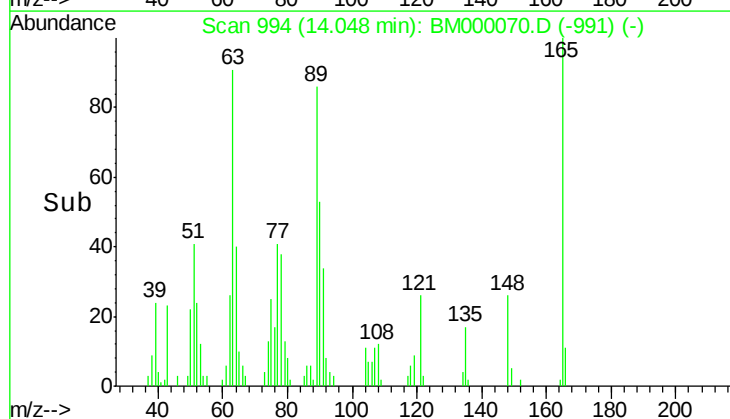
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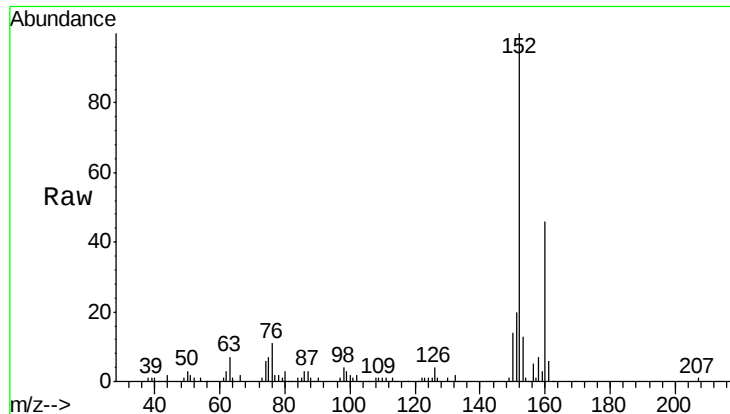
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#45
2,6-Dinitrotoluene
Concen: 2.67 ng/ul
RT: 14.05 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28036		
89	86.3		54.4	81.6#
121	26.5		18.6	28.0





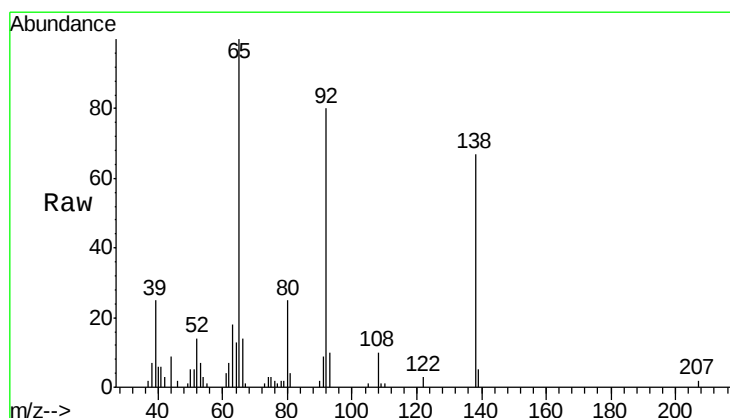
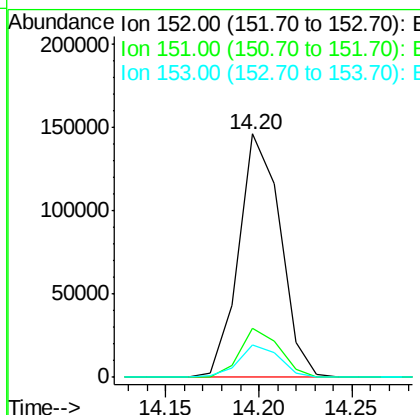
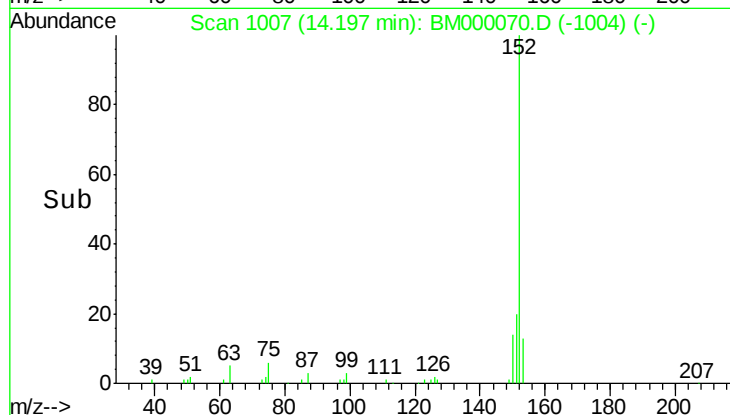
#47
 Acenaphthylene
 Concen: 3.04 ng/ul
 RT: 14.20 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.2
153	13.1	10.2	15.2

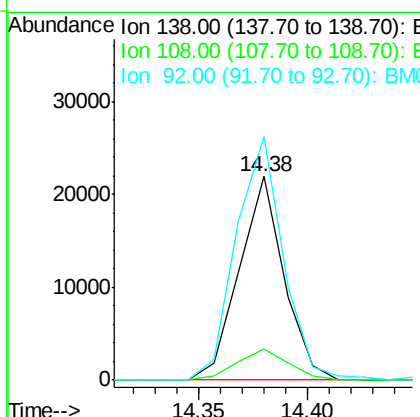
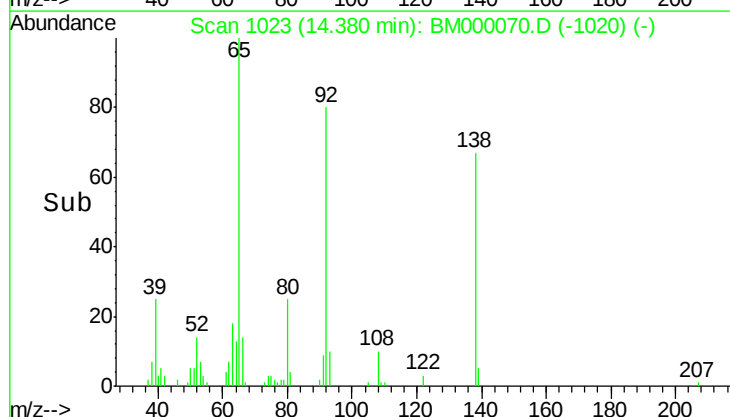
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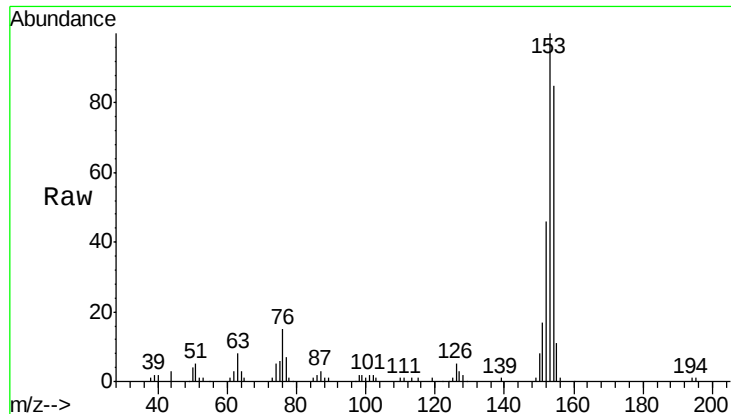
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#48
 3-Nitroaniline
 Concen: 2.91 ng/ul
 RT: 14.38 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.5	11.2	16.8
92	119.7	110.6	165.8





#49

Acenaphthene

Concen: 3.10 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Instrument :

BNA_M

ClientSampled :

MDL-Soil-4

Tgt Ion:153 Resp: 147223

Ion Ratio Lower Upper

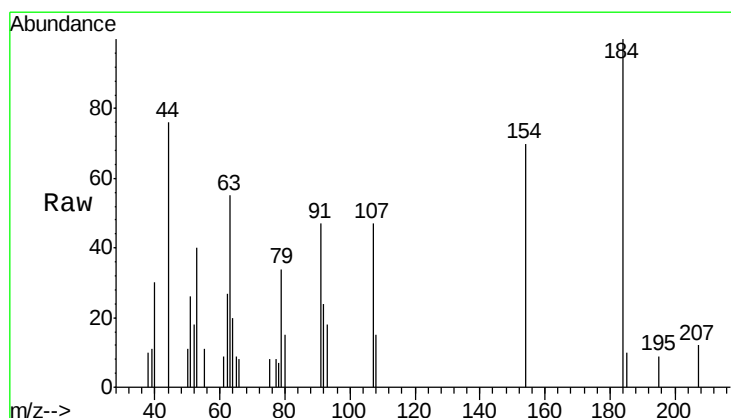
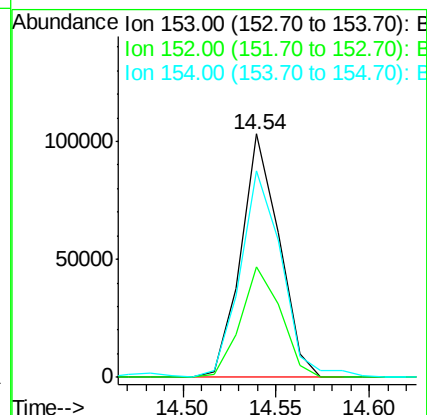
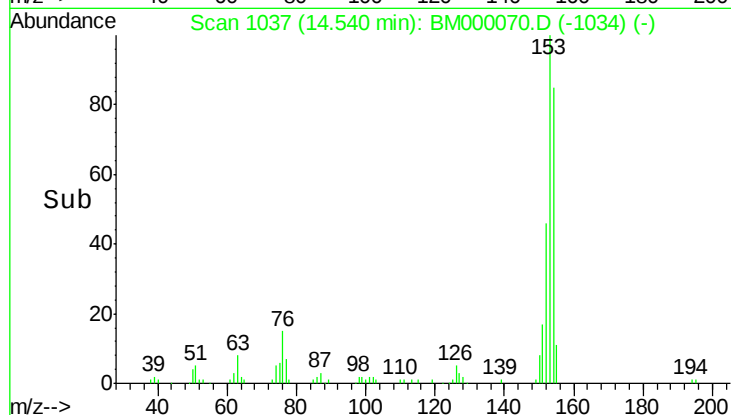
153 100

152 45.6 37.5 56.3

154 84.8 72.2 108.4

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#50

2,4-Dinitrophenol

Concen: 1.41 ng/ul

RT: 14.59 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

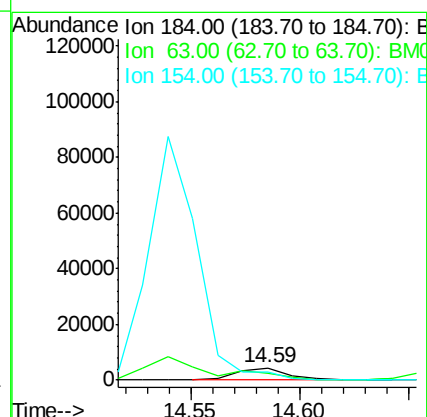
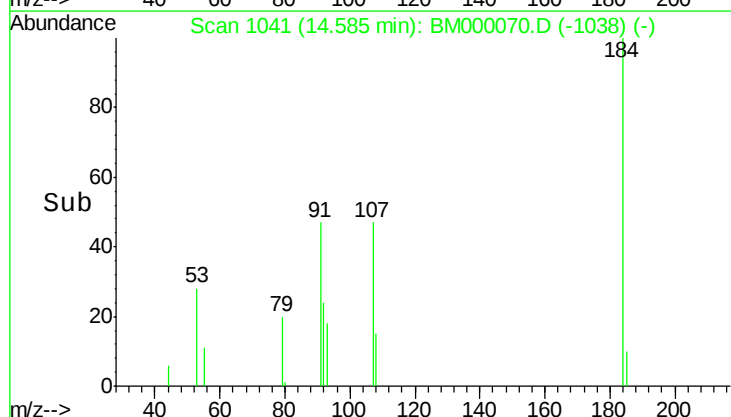
Tgt Ion:184 Resp: 7528

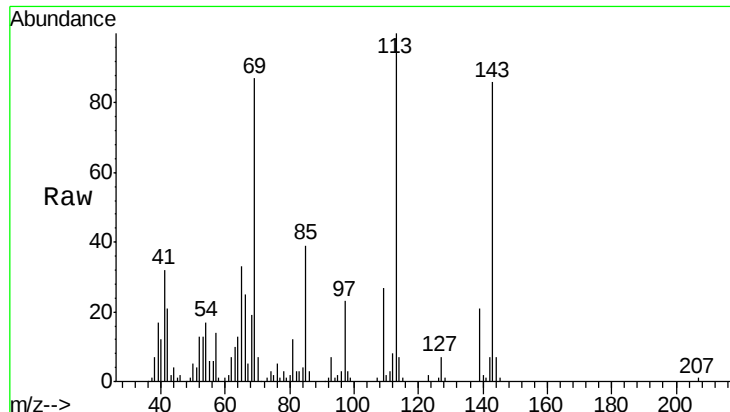
Ion Ratio Lower Upper

184 100

63 54.8 56.1 84.1#

154 70.0 68.2 102.4





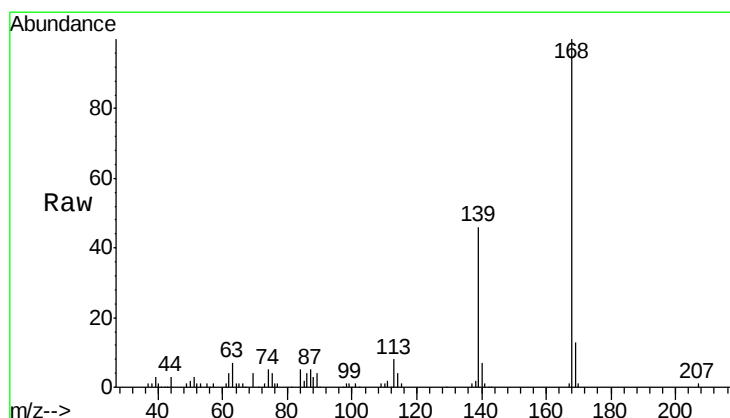
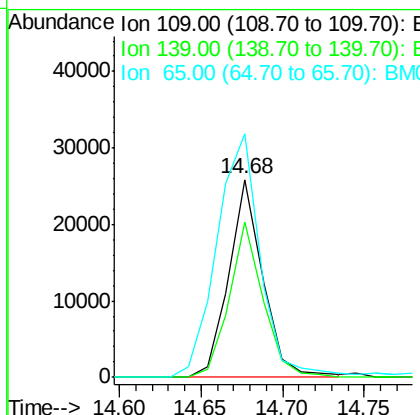
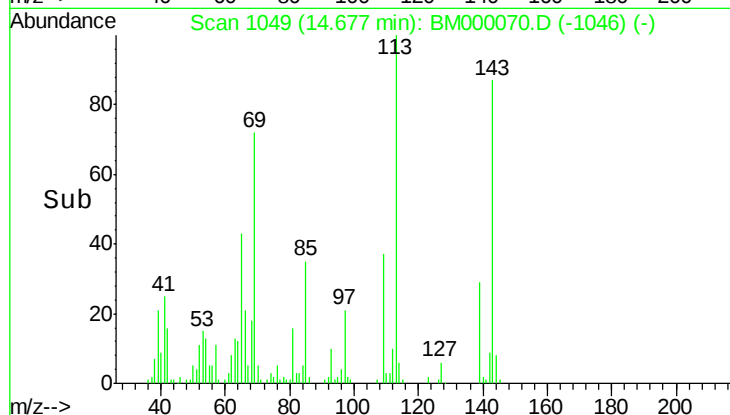
#52
4-Nitrophenol
Concen: 2.96 ng/ul
RT: 14.68 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion:109 Resp: 37587
Ion Ratio Lower Upper
109 100
139 78.7 62.5 93.7
65 123.0 88.7 133.1

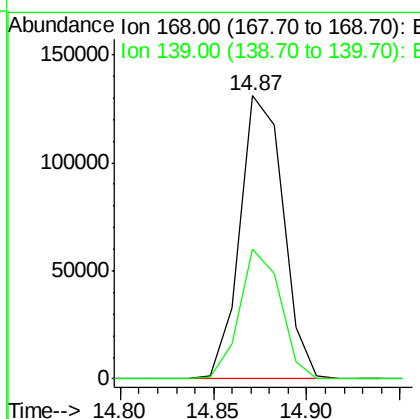
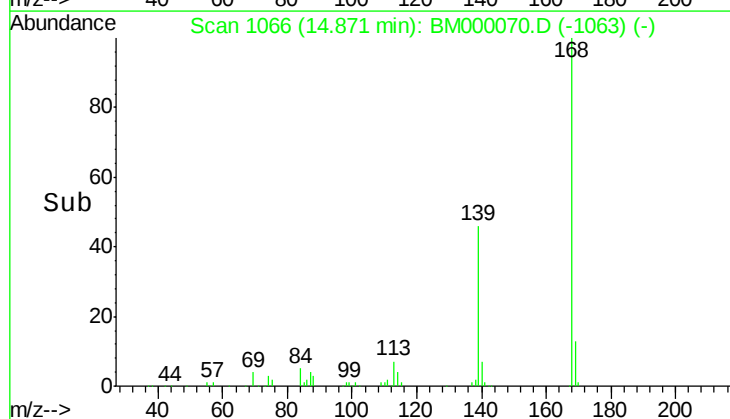
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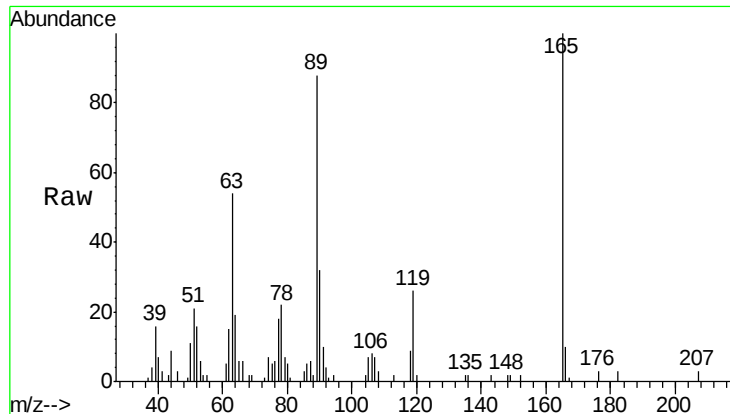
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#53
Dibenzofuran
Concen: 3.07 ng/ul
RT: 14.87 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion:168 Resp: 211567
Ion Ratio Lower Upper
168 100
139 46.0 33.6 50.4





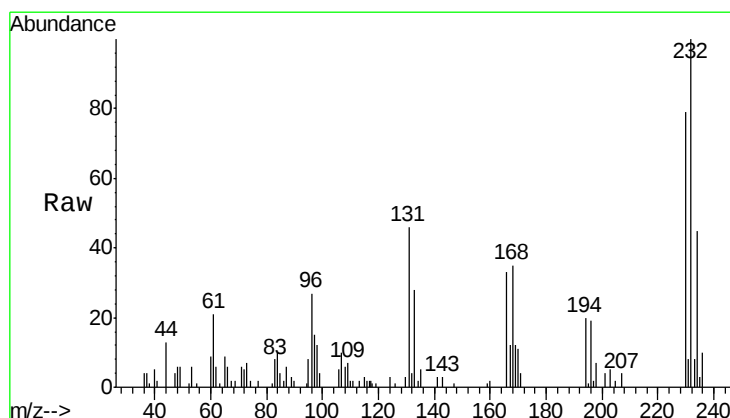
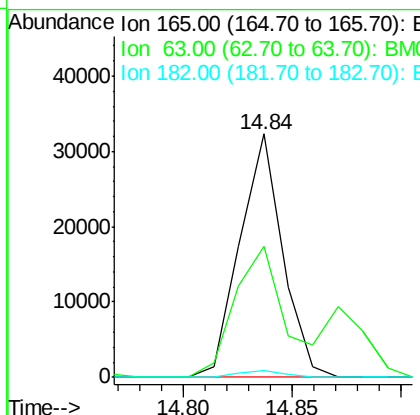
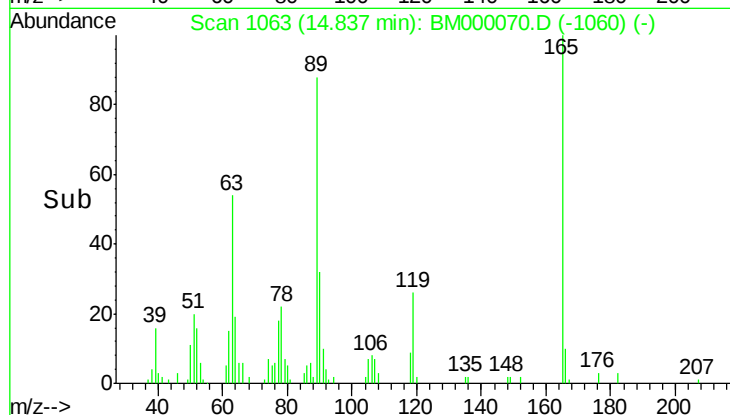
#54
2,4-Dinitrotoluene
Concen: 2.82 ng/ul
RT: 14.84 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion:165 Resp: 44309
Ion Ratio Lower Upper
165 100
63 54.0 48.8 73.2
182 2.7 2.1 3.1

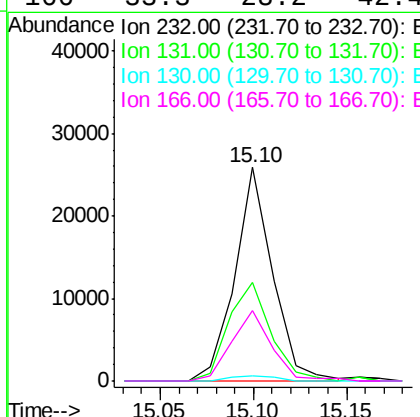
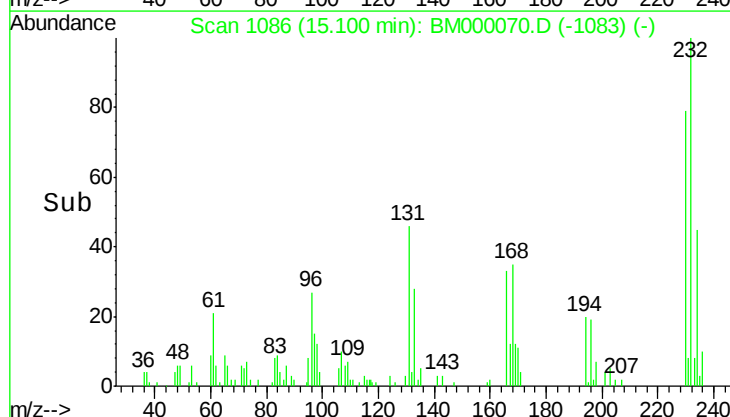
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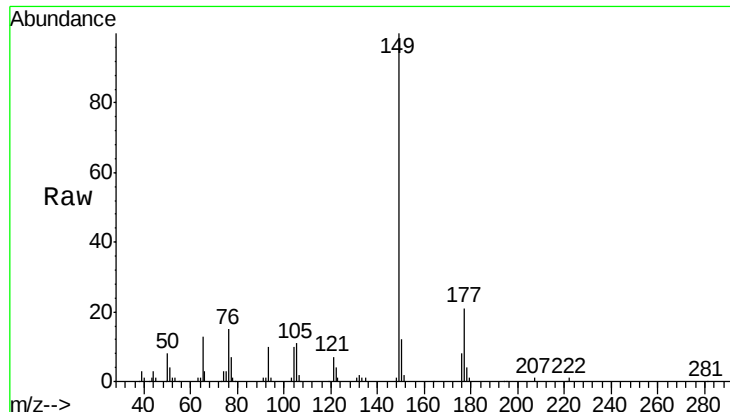
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#55
2,3,4,6-Tetrachlorophenol
Concen: 2.75 ng/ul
RT: 15.10 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion:232 Resp: 36434
Ion Ratio Lower Upper
232 100
131 46.0 43.4 65.0
130 2.7 2.7 4.1#
166 33.3 28.2 42.4





#56

Diethylphthalate

Concen: 3.03 ng/ul

RT: 15.29 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Instrument :

BNA_M

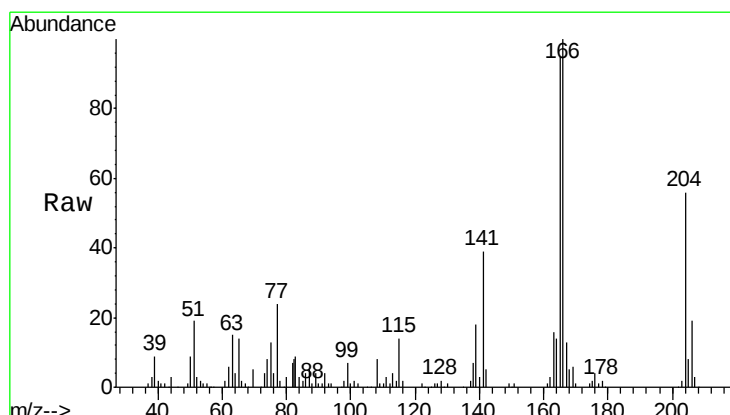
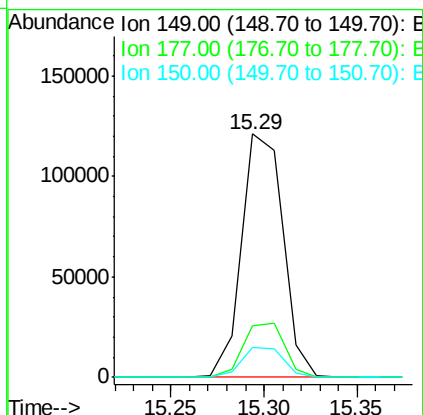
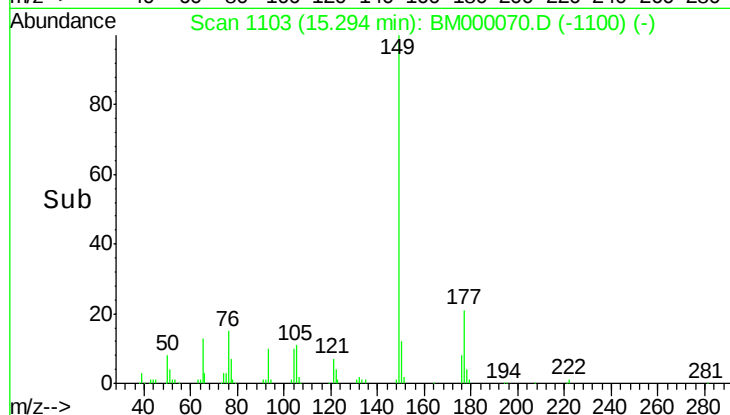
ClientSampleId :

MDL-Soil-4

Tgt Ion:	149	Resp:	187136
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.4	26.2
150	12.3	10.5	15.7

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#58

Fluorene

Concen: 3.05 ng/ul

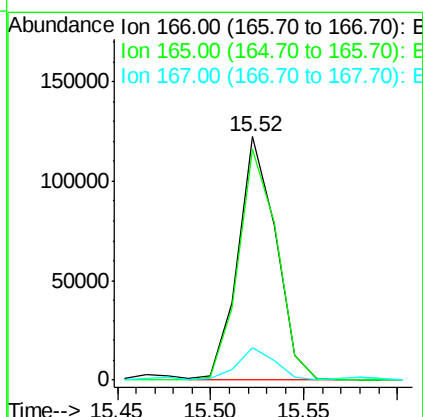
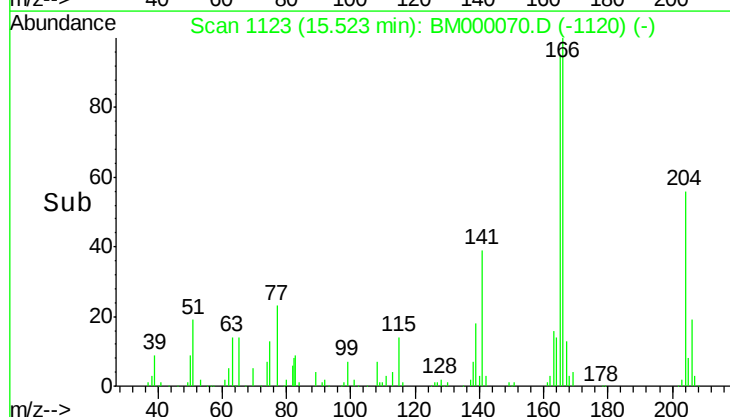
RT: 15.52 min Scan# 1123

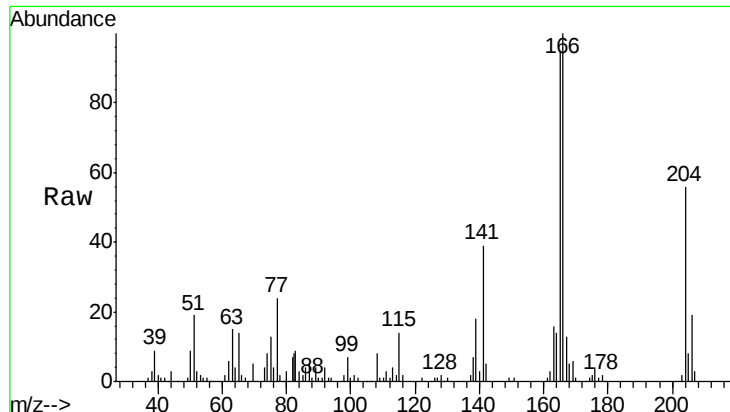
Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Tgt Ion:	166	Resp:	174221
Ion Ratio	Lower	Upper	
166	100		
165	94.6	76.0	114.0
167	13.2	10.2	15.4





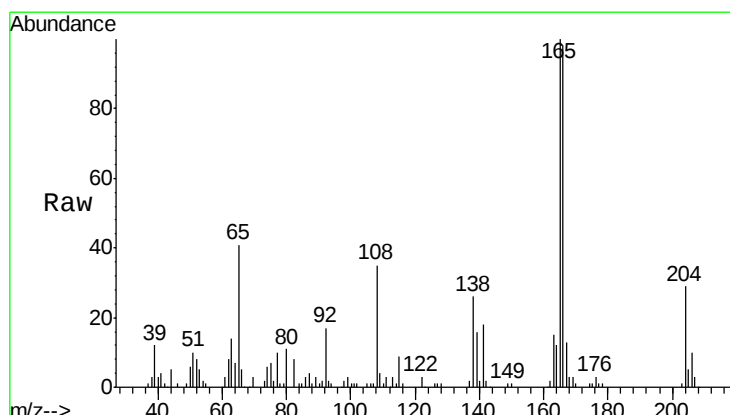
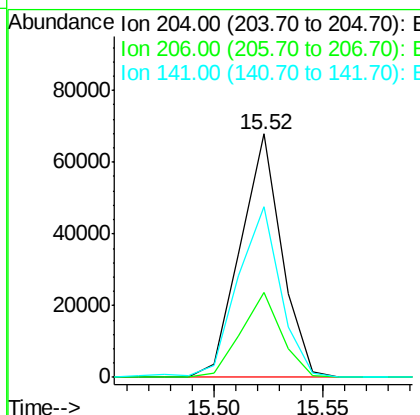
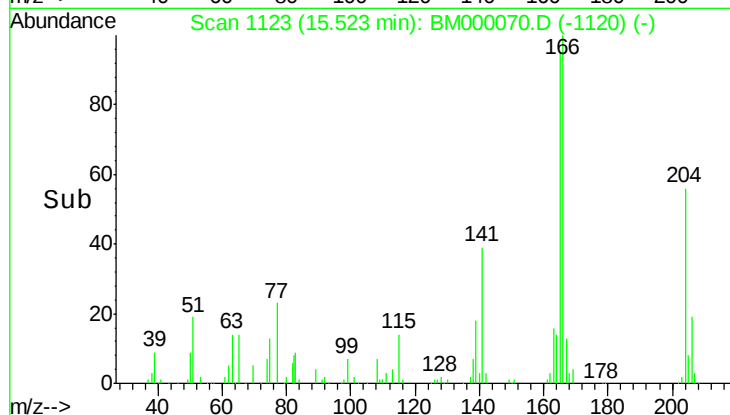
#59
 4-Chlorophenyl-phenylether
 Concen: 3.19 ng/ul
 RT: 15.52 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:204 Resp: 89830
 Ion Ratio Lower Upper
 204 100
 206 34.6 25.8 38.8
 141 70.2 61.3 91.9

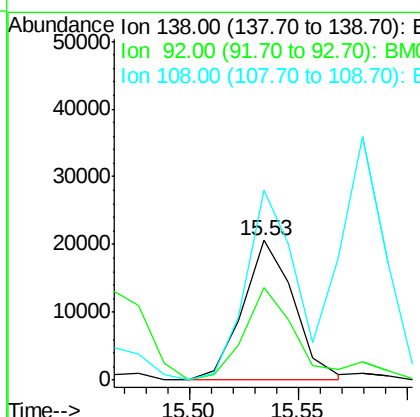
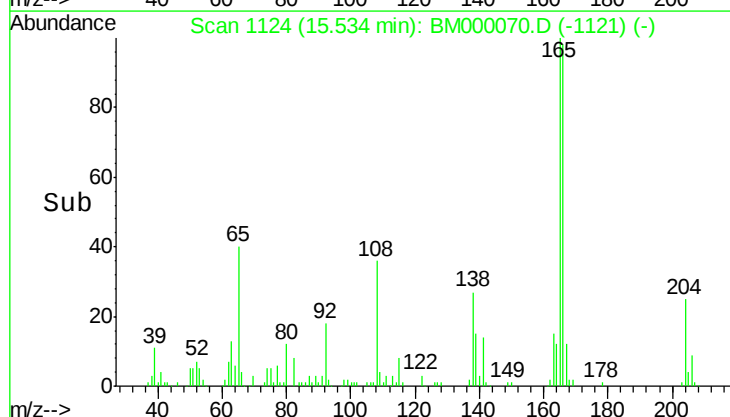
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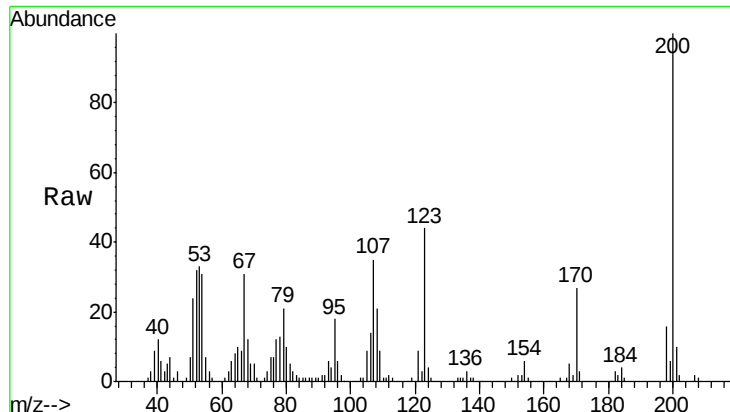
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#60
 4-Nitroaniline
 Concen: 2.77 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:138 Resp: 33770
 Ion Ratio Lower Upper
 138 100
 92 66.0 49.3 73.9
 108 135.7 110.3 165.5





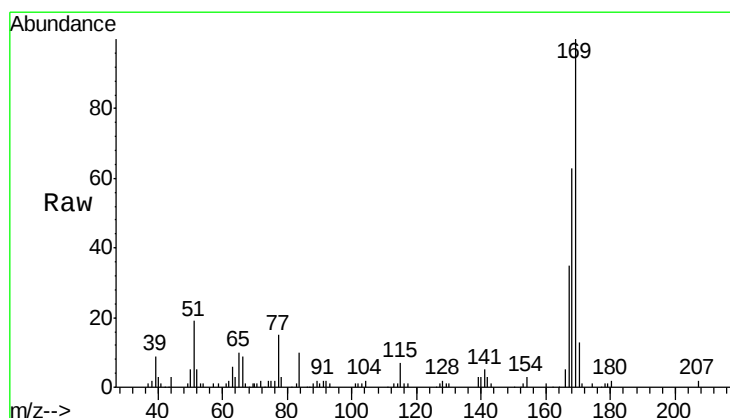
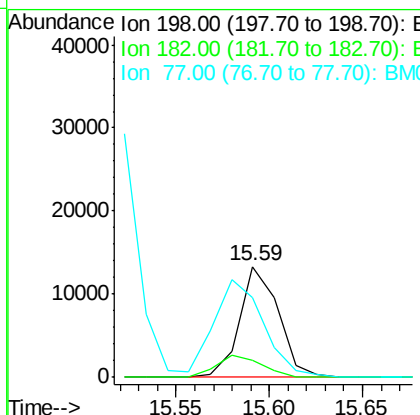
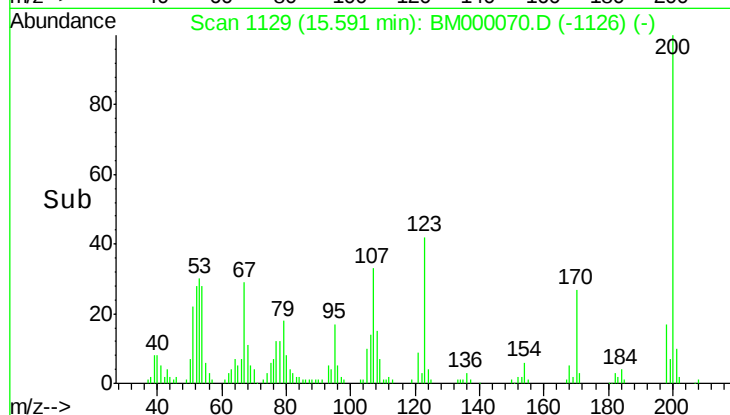
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.36 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:198 Resp: 19240
 Ion Ratio Lower Upper
 198 100
 182 15.9 2.6 4.0#
 77 72.7 25.2 37.8#

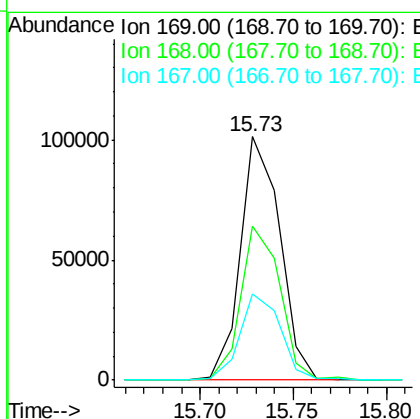
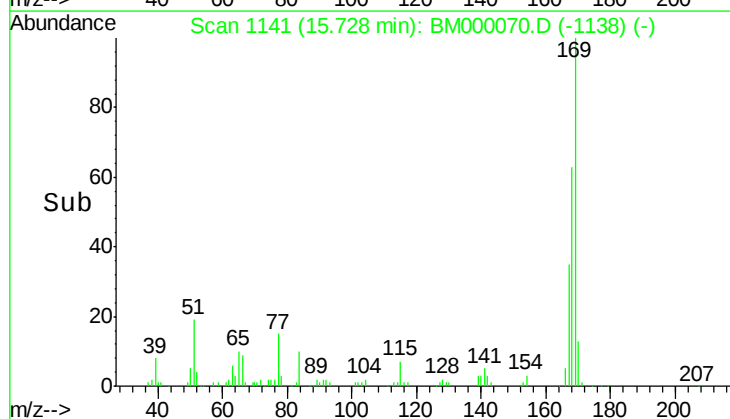
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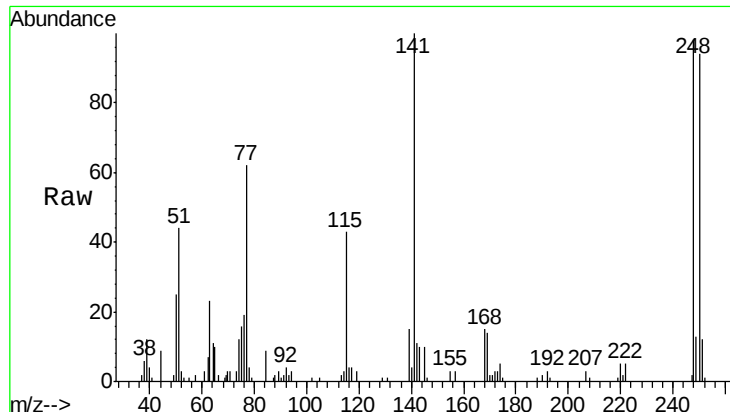
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#64
 N-Nitrosodiphenylamine
 Concen: 3.22 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:169 Resp: 149740
 Ion Ratio Lower Upper
 169 100
 168 63.1 51.8 77.6
 167 35.2 28.1 42.1





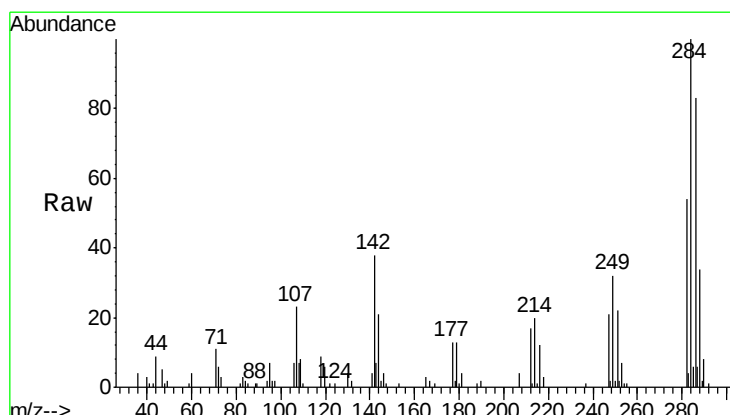
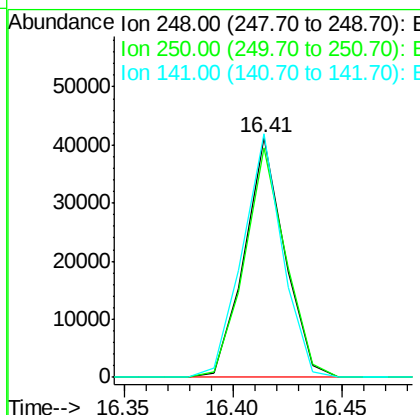
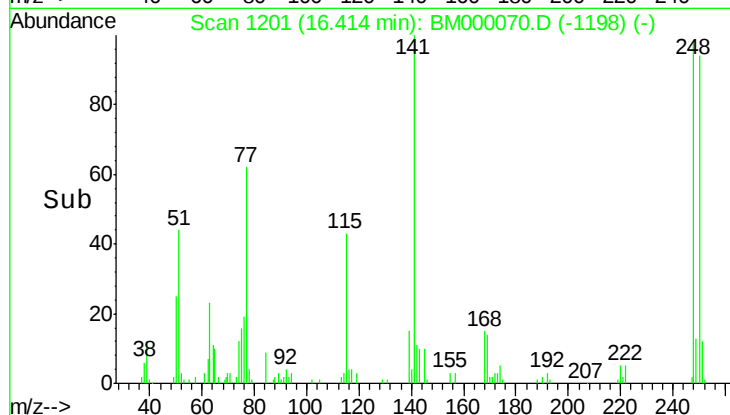
#65
 4-Bromophenyl-phenylether
 Concen: 3.24 ng/ul
 RT: 16.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:	248	Resp:	52997
Ion Ratio	Lower	Upper	
248	100		
250	95.7	78.4	117.6
141	101.8	67.0	100.4#

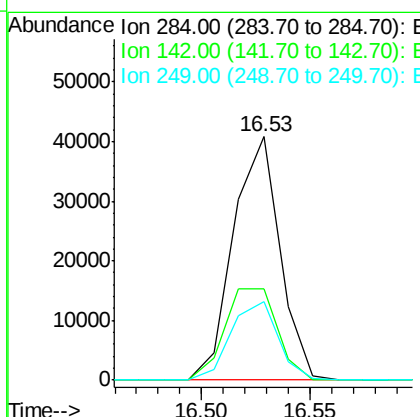
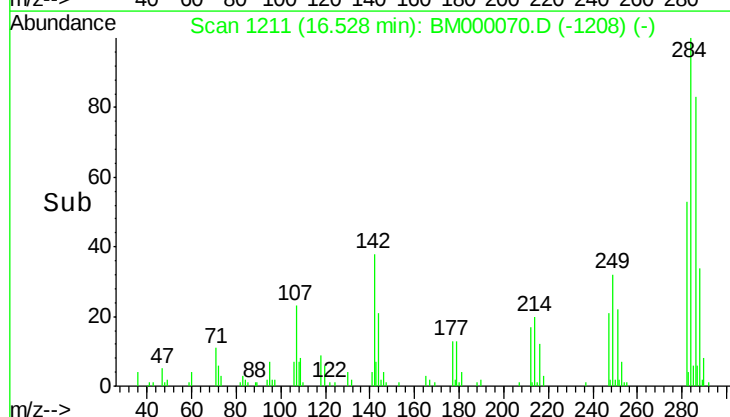
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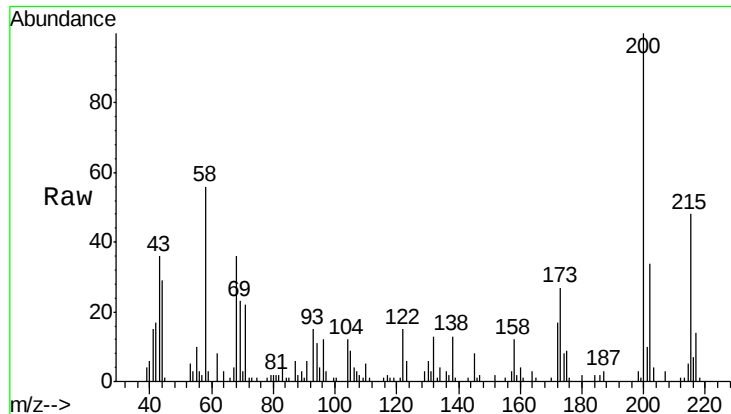
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#66
 Hexachlorobenzene
 Concen: 3.23 ng/ul
 RT: 16.53 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:	284	Resp:	60854
Ion Ratio	Lower	Upper	
284	100		
142	37.7	32.4	48.6
249	34.7	26.7	40.1





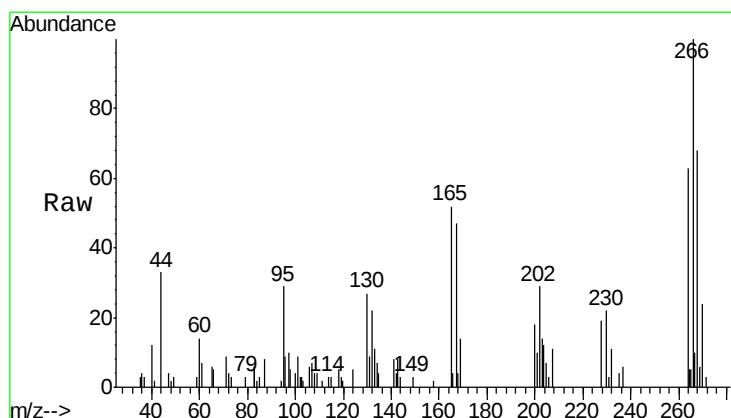
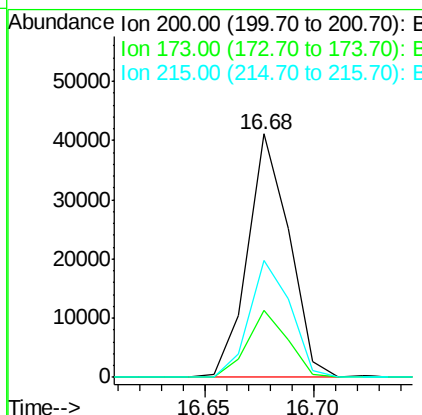
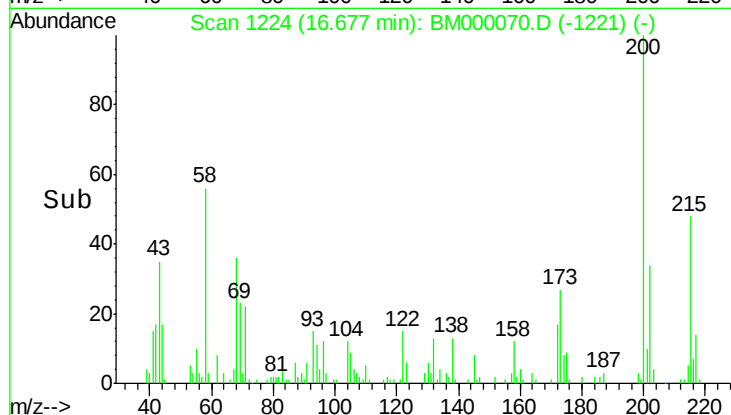
#67
Atrazine
Concen: 2.98 ng/ul
RT: 16.68 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	19.5	29.3
215	47.9	36.6	54.8

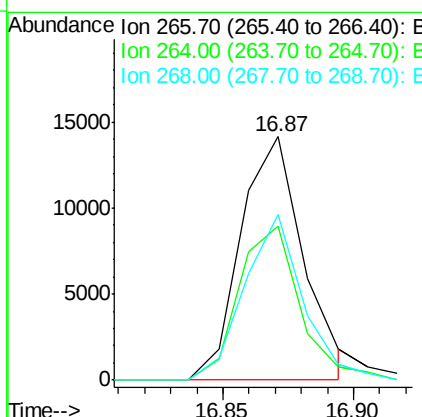
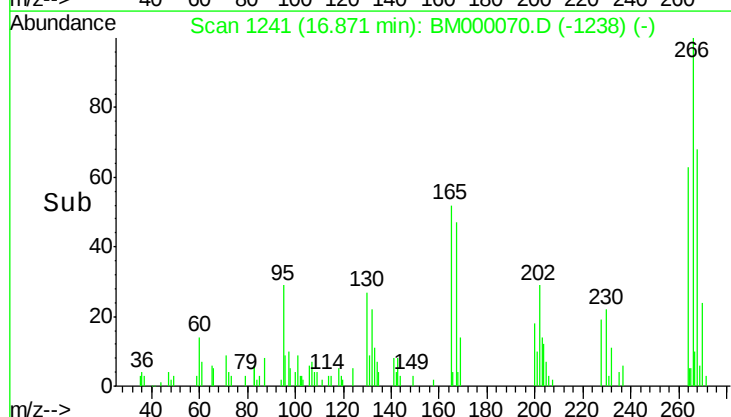
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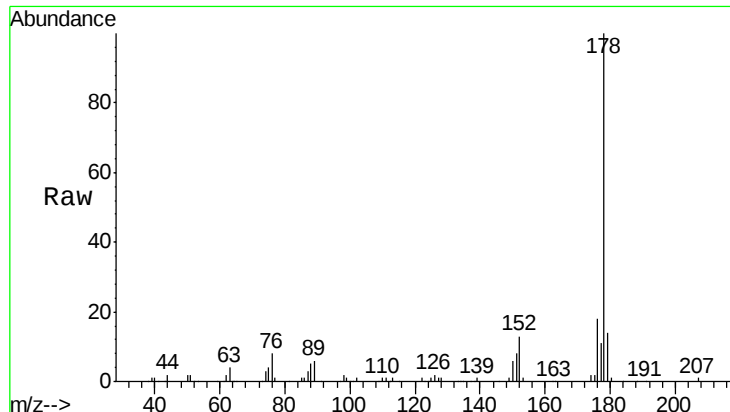
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#68
Pentachlorophenol
Concen: 2.08 ng/ul
RT: 16.87 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.5	49.8	74.6
268	67.9	48.2	72.4





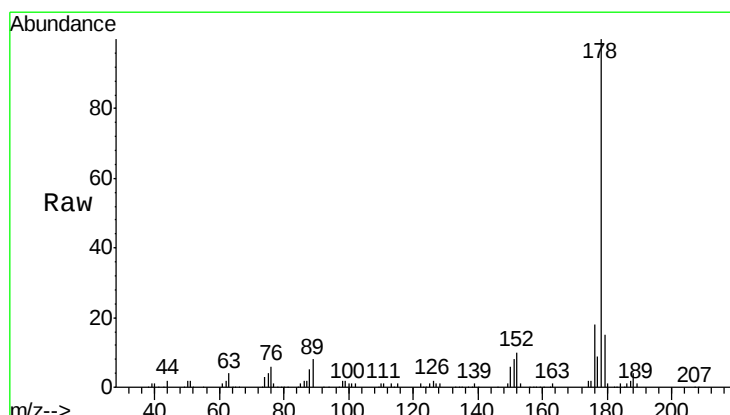
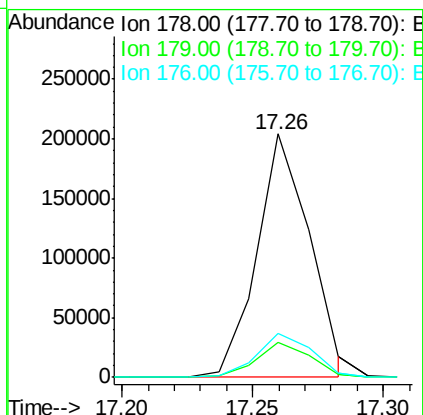
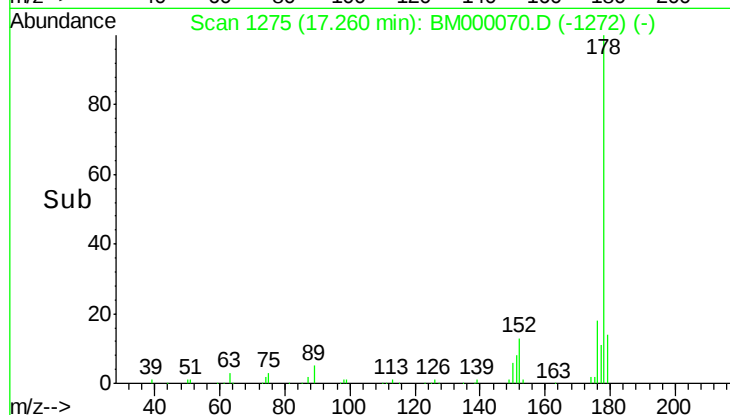
#69
Phenanthrene
Concen: 3.26 ng/ul
RT: 17.26 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion:178 Resp: 282572
Ion Ratio Lower Upper
178 100
179 14.5 11.6 17.4
176 18.1 14.6 22.0

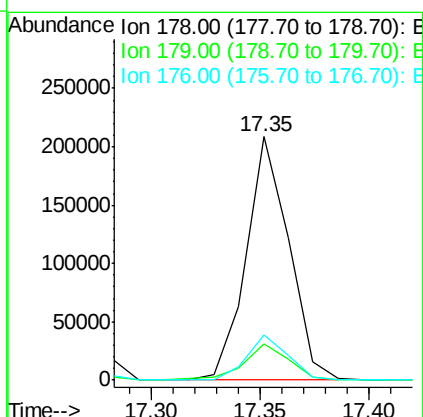
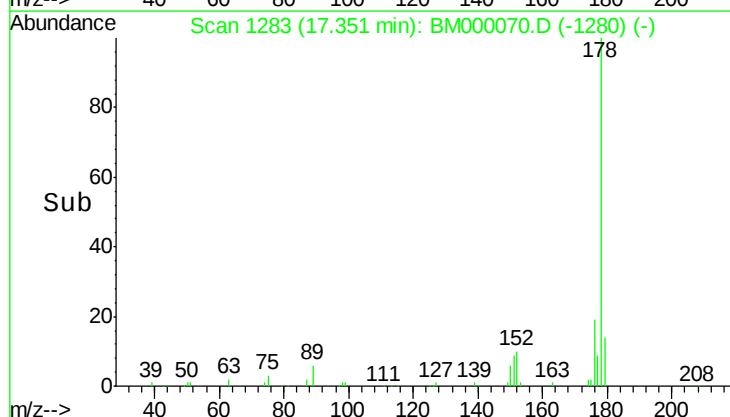
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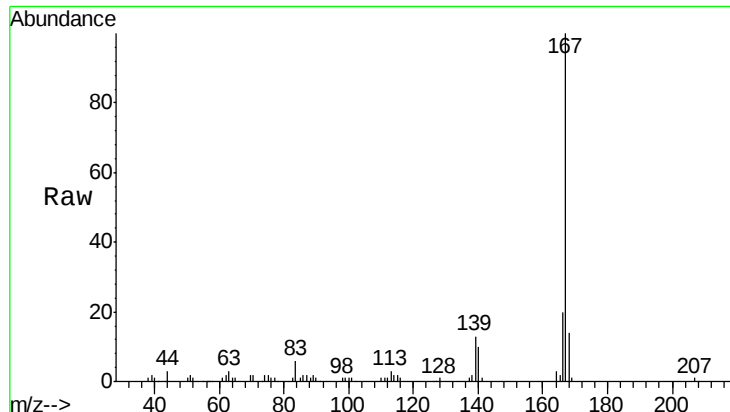
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#71
Anthracene
Concen: 3.14 ng/ul
RT: 17.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion:178 Resp: 280125
Ion Ratio Lower Upper
178 100
179 15.0 12.6 18.8
176 18.5 14.6 21.8





#72

Carbazole

Concen: 3.11 ng/ul

RT: 17.63 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Instrument :

BNA_M

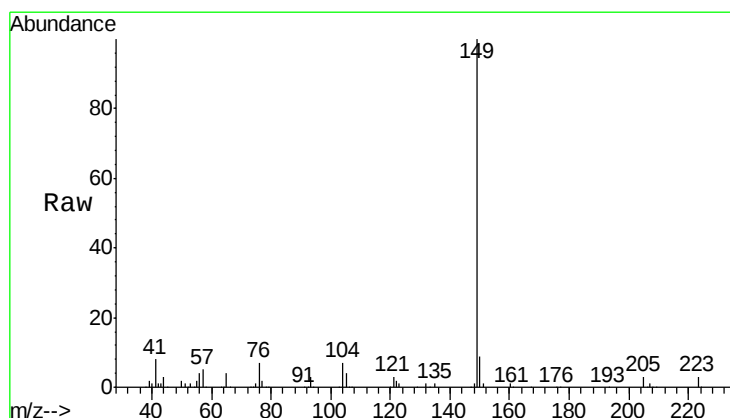
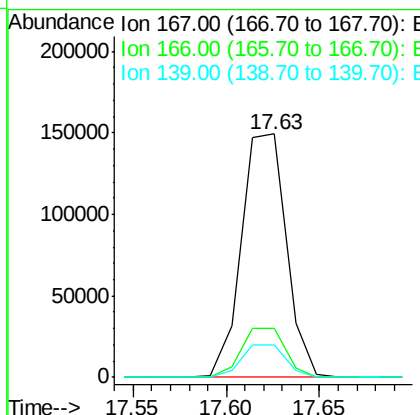
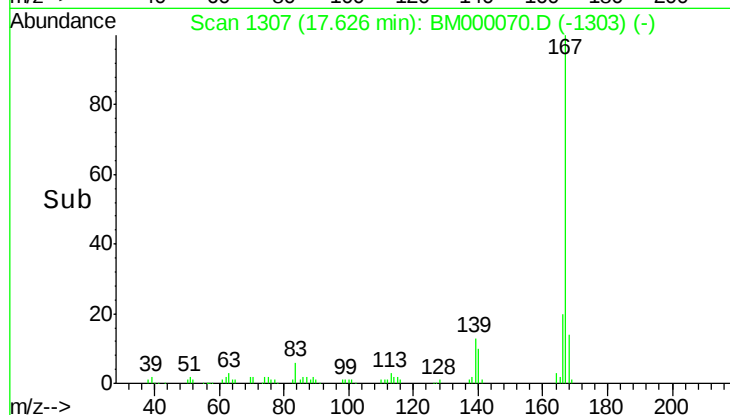
ClientSampleId :

MDL-Soil-4

Tgt Ion:	167	Resp:	250350
Ion Ratio	100	Lower	Upper
167	100		
166	19.9	16.2	24.4
139	13.1	10.7	16.1

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#73

Di-n-butylphthalate

Concen: 3.10 ng/ul

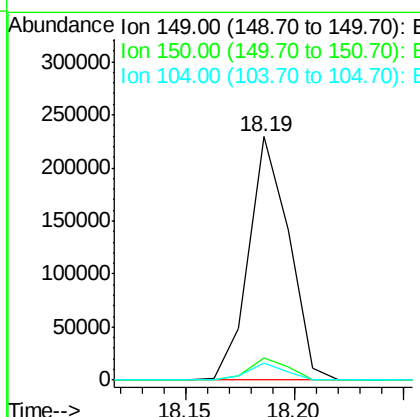
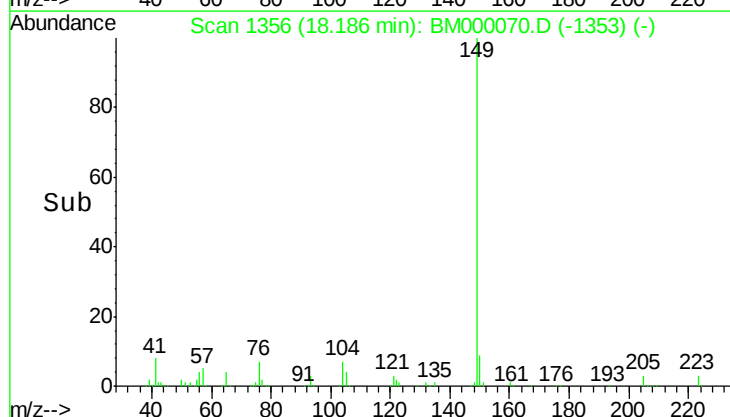
RT: 18.19 min Scan# 1356

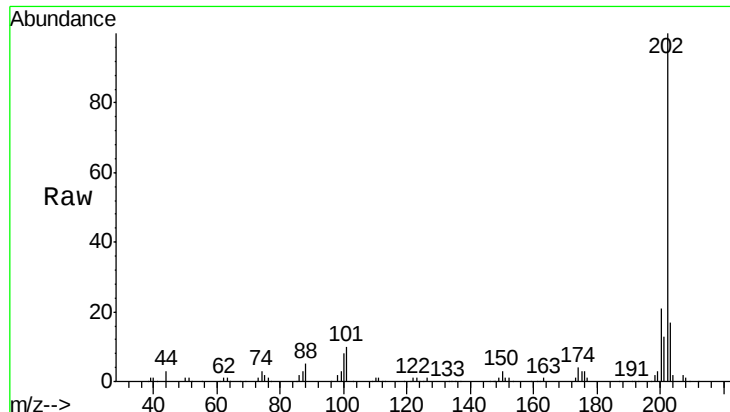
Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Tgt Ion:	149	Resp:	296978
Ion Ratio	100	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	7.0	4.8	7.2





#74

Fluoranthene

Concen: 3.22 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Instrument :

BNA_M

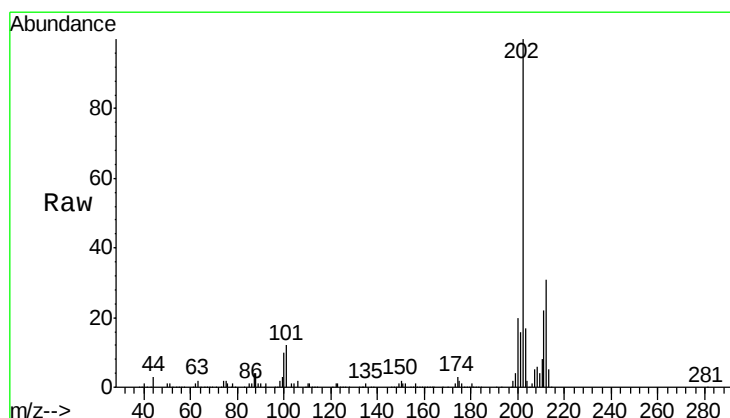
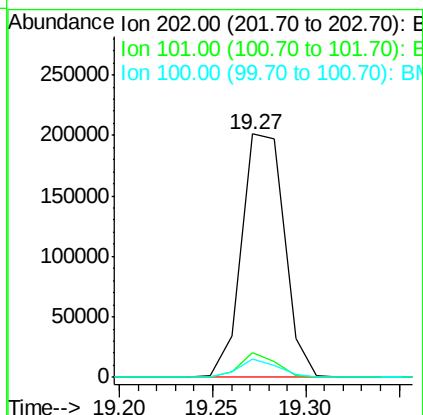
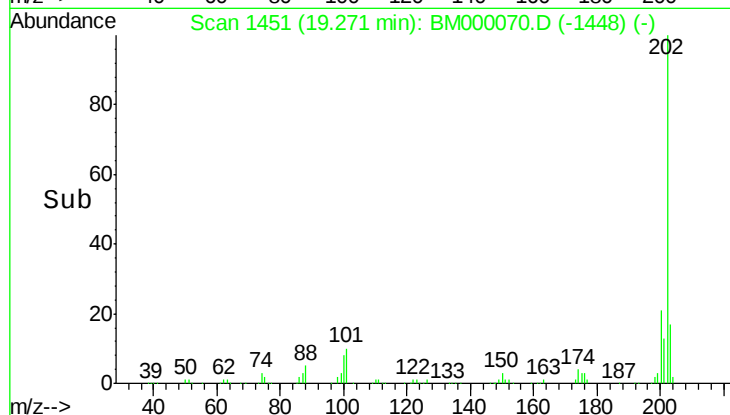
ClientSampleId :

MDL-Soil-4

Tgt Ion:	202	Resp:	320631
Ion Ratio	Lower	Upper	
202	100		
101	10.3	6.4	9.6#
100	7.7	4.6	7.0#

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#77

Pyrene

Concen: 3.81 ng/ul

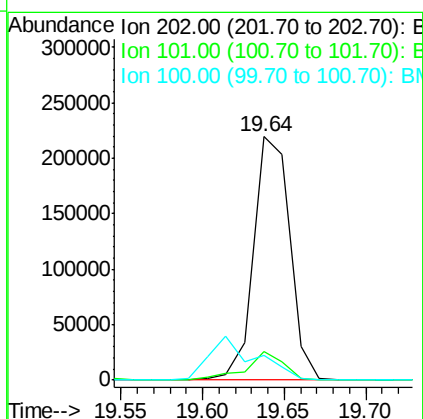
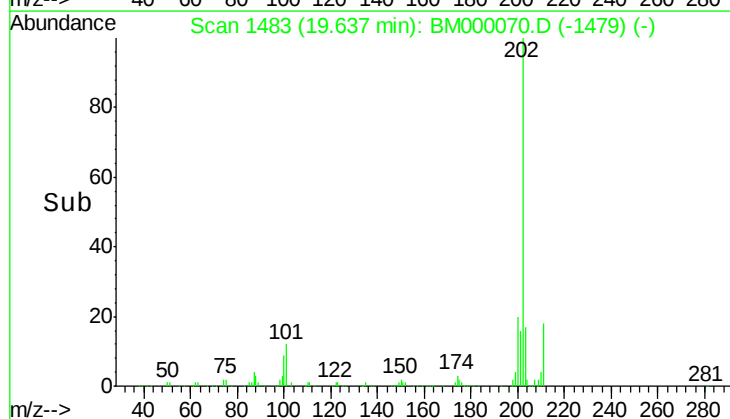
RT: 19.64 min Scan# 1483

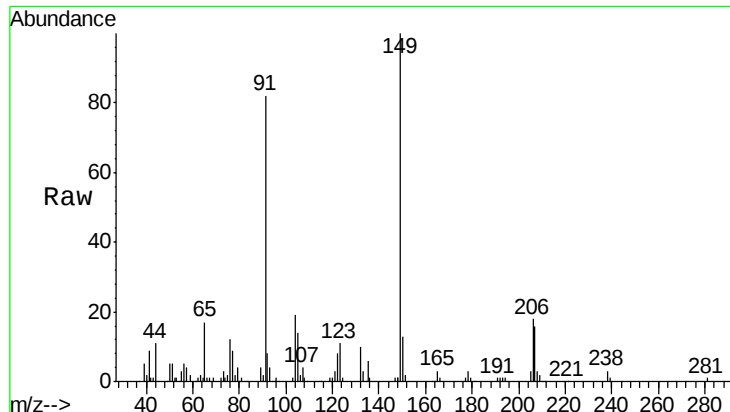
Delta R.T. -0.00 min

Lab File: BM000070.D

Acq: 29 Dec 2014 22:06

Tgt Ion:	202	Resp:	339767
Ion Ratio	Lower	Upper	
202	100		
101	11.6	6.9	10.3#
100	10.1	5.5	8.3#





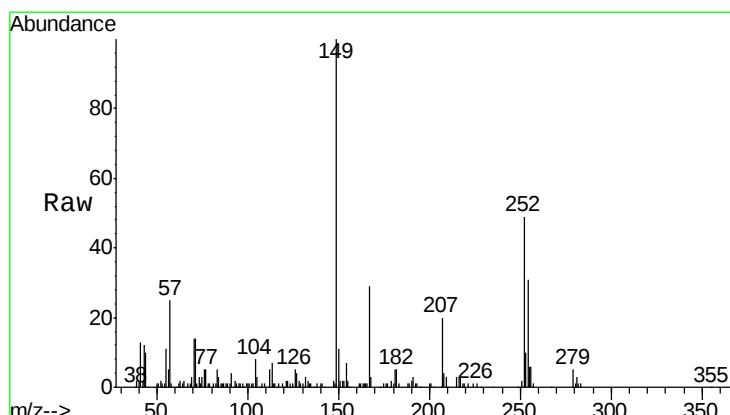
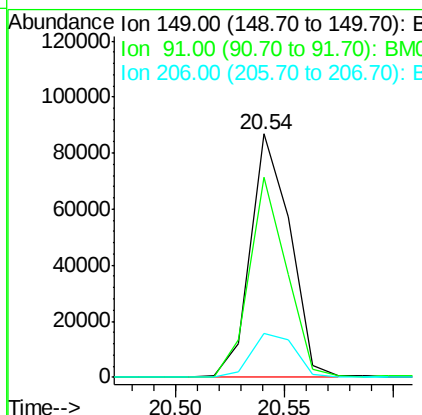
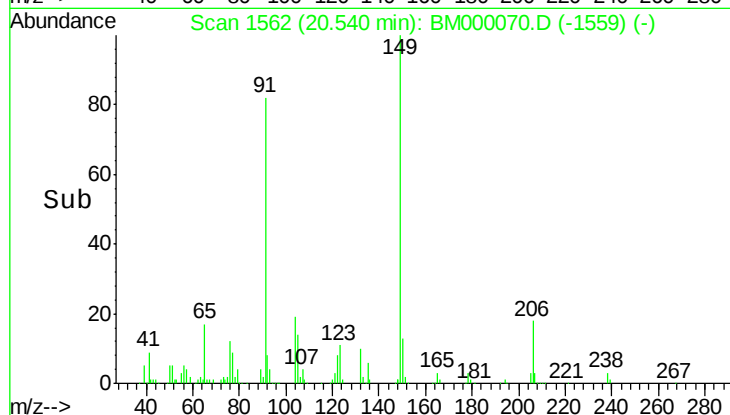
#78
Butylbenzylphthalate
Concen: 3.06 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	110685		
91	82.4	56.6	84.8	
206	18.0	16.8	25.2	

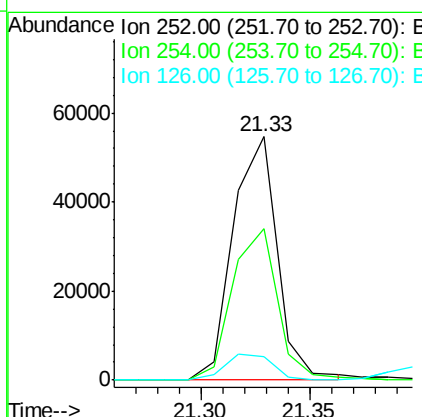
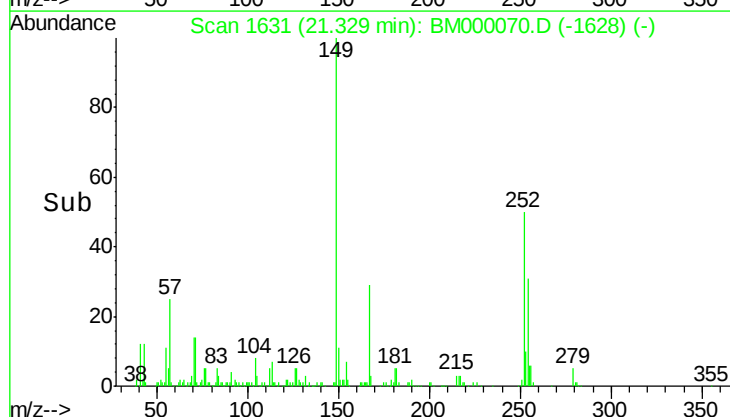
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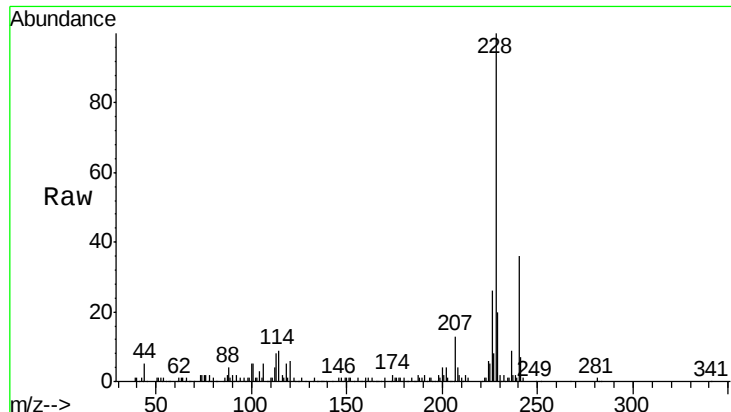
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#79
3,3'-Dichlorobenzidine
Concen: 2.86 ng/ul
RT: 21.33 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	77389		
254	62.5	51.2	76.8	
126	9.7	7.9	11.9	





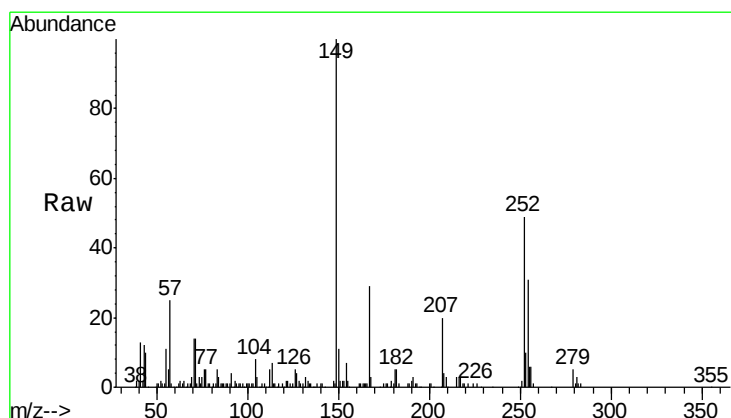
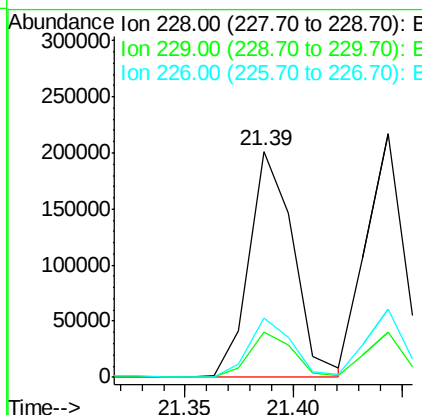
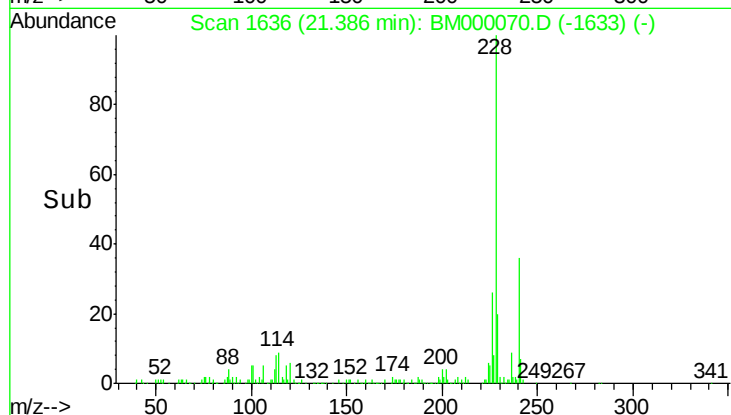
#80
Benzo(a)anthracene
Concen: 3.37 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	26.1	20.7	31.1

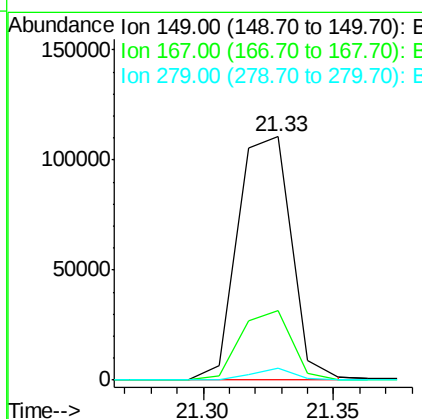
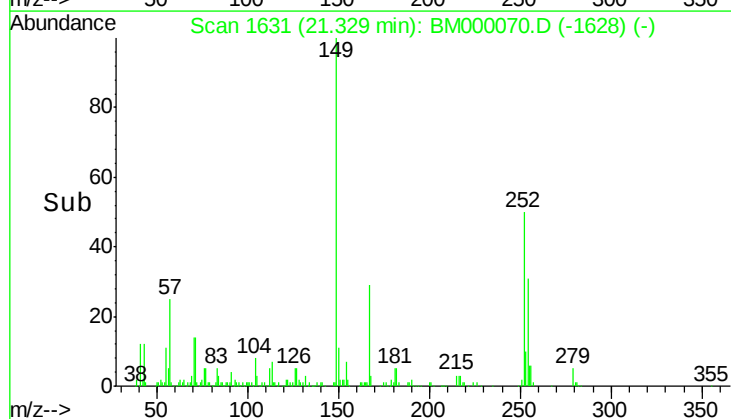
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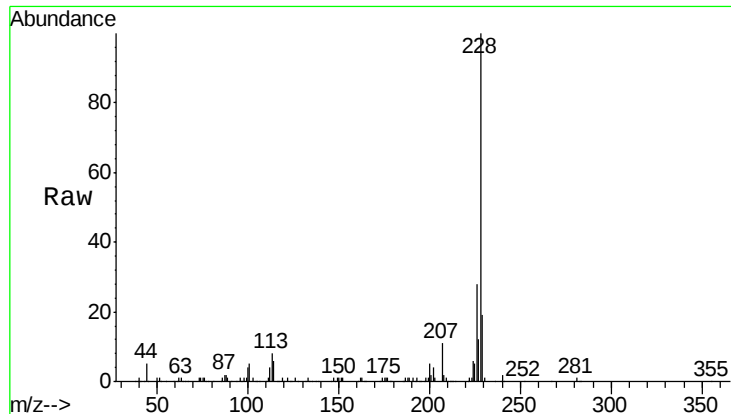
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#81
Bis(2-ethylhexyl)phthalate
Concen: 3.01 ng/ul
RT: 21.33 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.1	33.1
279	5.1	3.0	4.6#





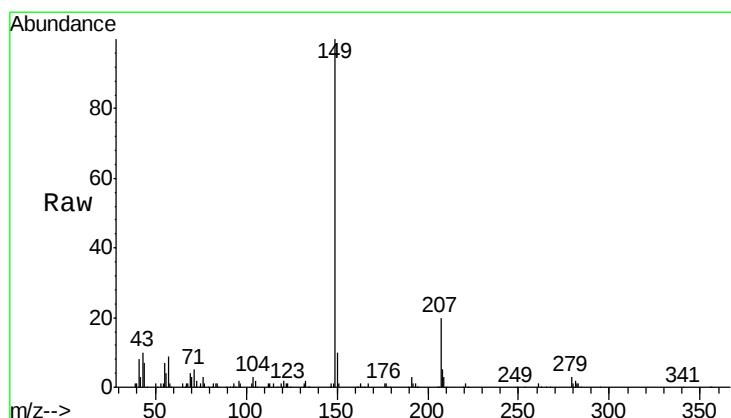
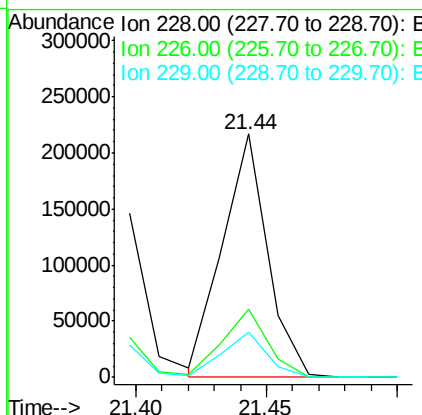
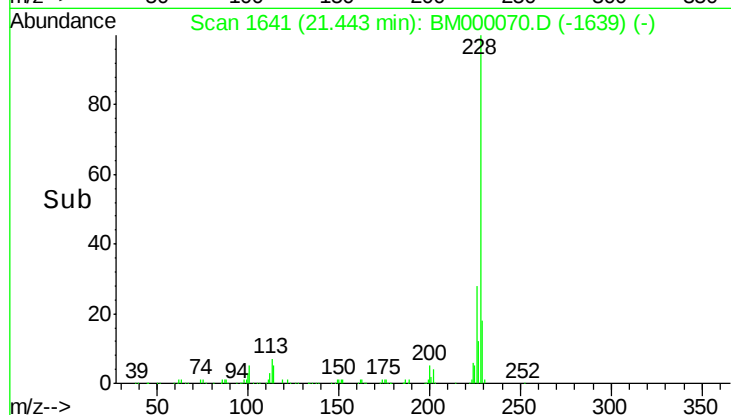
#82
 Chrysene
 Concen: 3.30 ng/ul
 RT: 21.44 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	18.6	15.6	23.4

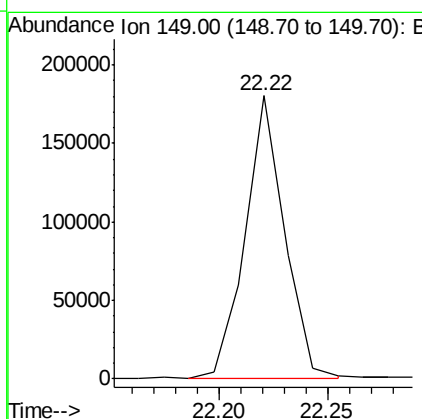
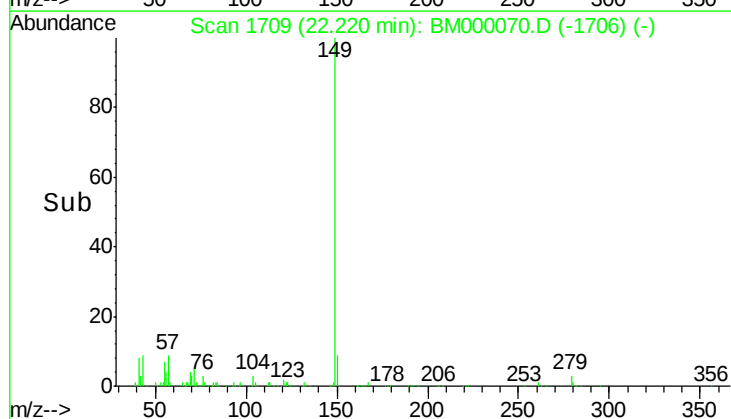
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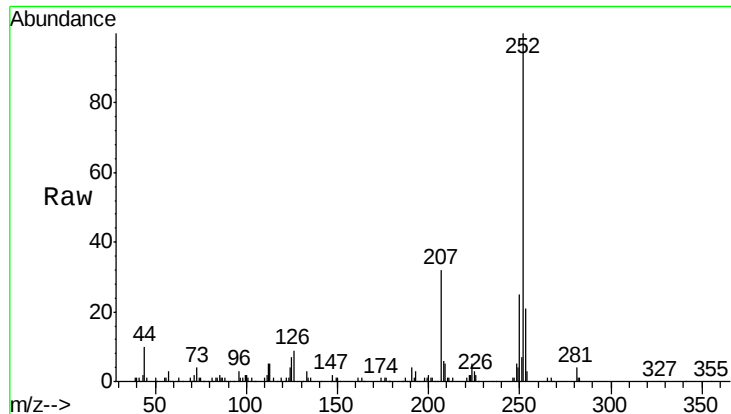
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#84
 Di-n-octyl phthalate
 Concen: 2.82 ng/ul
 RT: 22.22 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:149 Resp: 225359





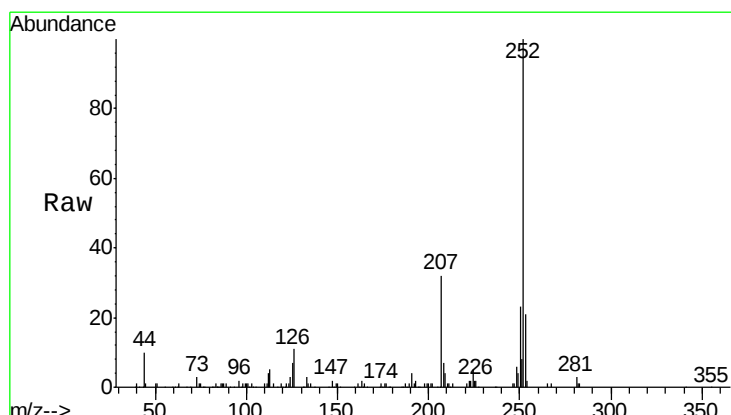
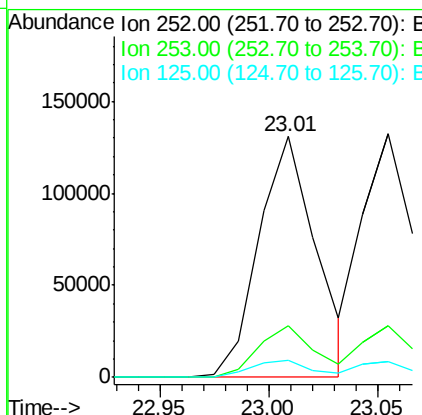
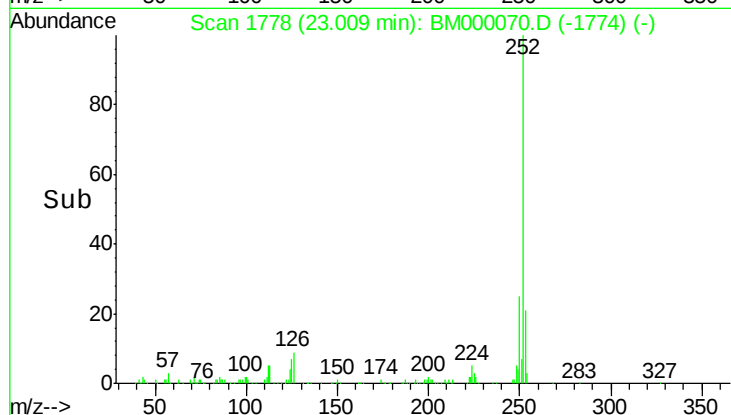
#85
Benzo(b)fluoranthene
Concen: 3.25 ng/ul
RT: 23.01 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion:252 Resp: 240979
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 7.1 4.8 7.2

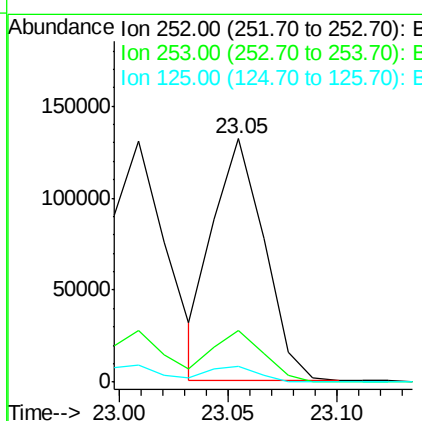
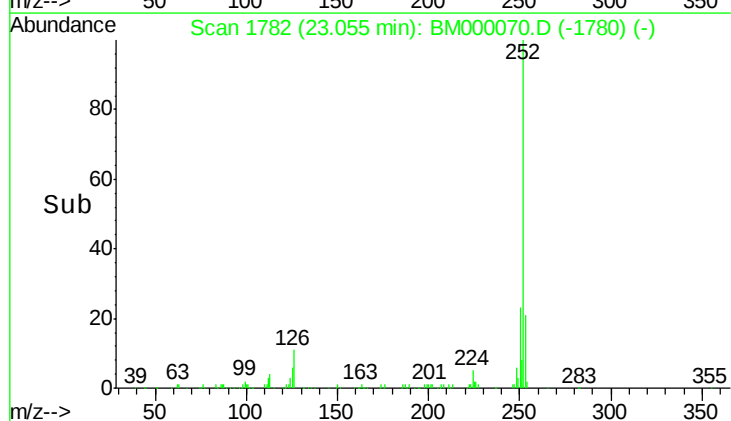
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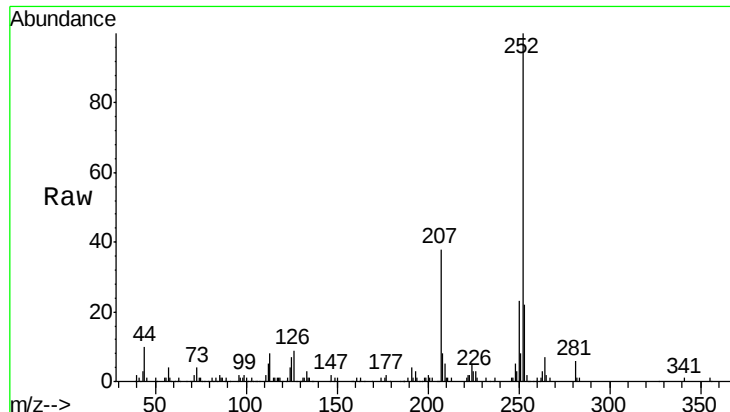
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#86
Benzo(k)fluoranthene
Concen: 3.39 ng/ul
RT: 23.05 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion:252 Resp: 214477
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 6.7 4.9 7.3





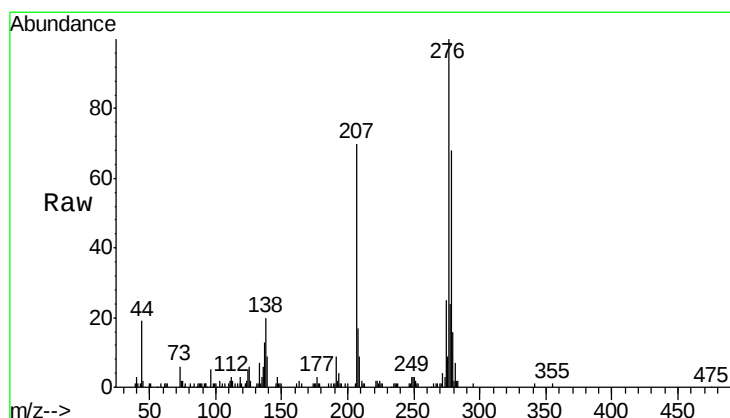
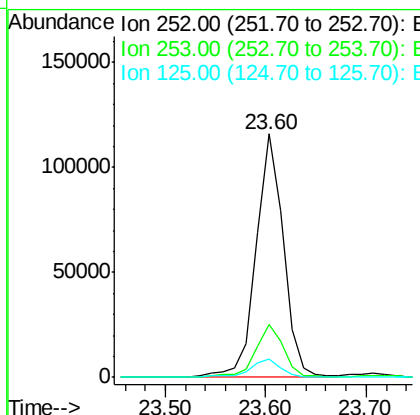
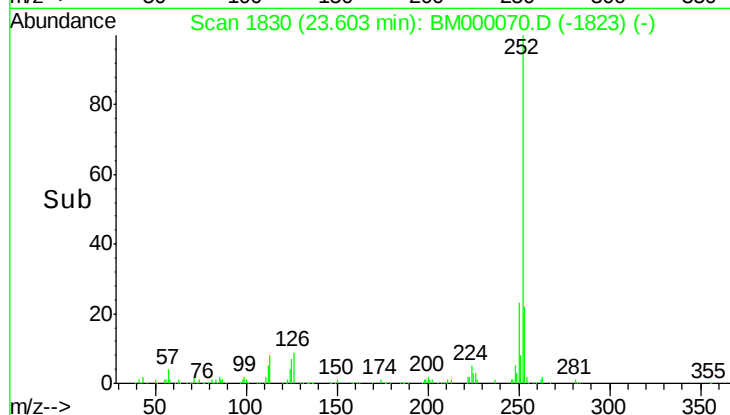
#88
Benzo(a)pyrene
Concen: 3.38 ng/ul
RT: 23.60 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Instrument :
BNA_M
ClientSampleId :
MDL-Soil-4

Tgt Ion:252 Resp: 220246
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 7.4 5.8 8.6

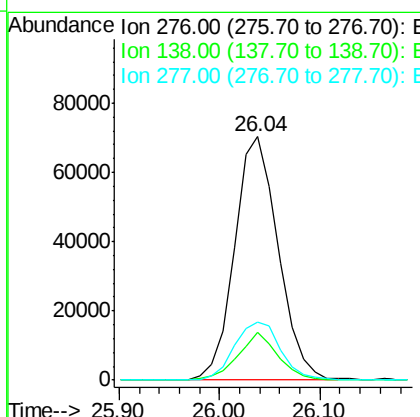
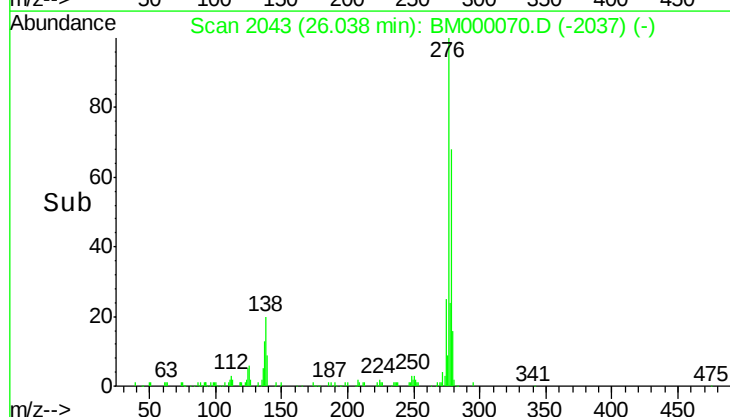
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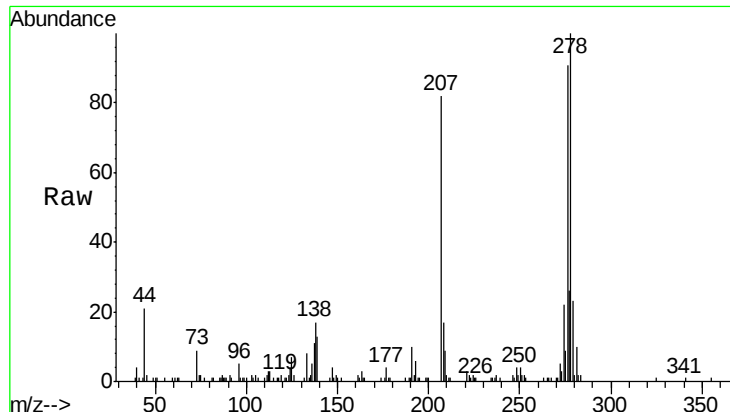
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.11 ng/ul
RT: 26.04 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BM000070.D
Acq: 29 Dec 2014 22:06

Tgt Ion:276 Resp: 211266
Ion Ratio Lower Upper
276 100
138 19.8 14.2 21.2
277 23.6 18.8 28.2





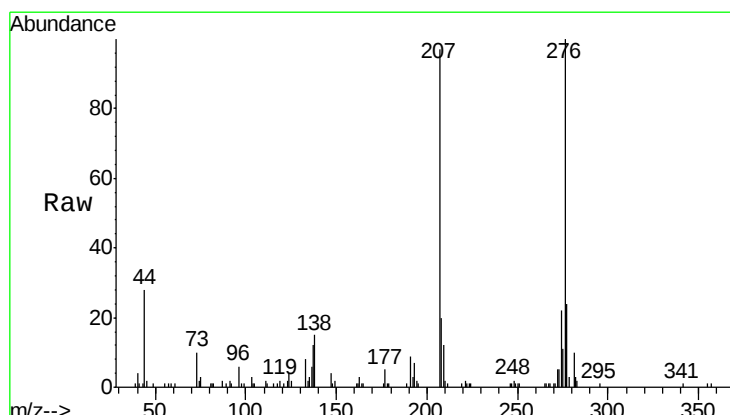
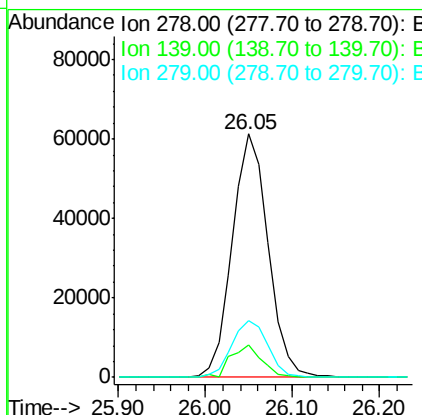
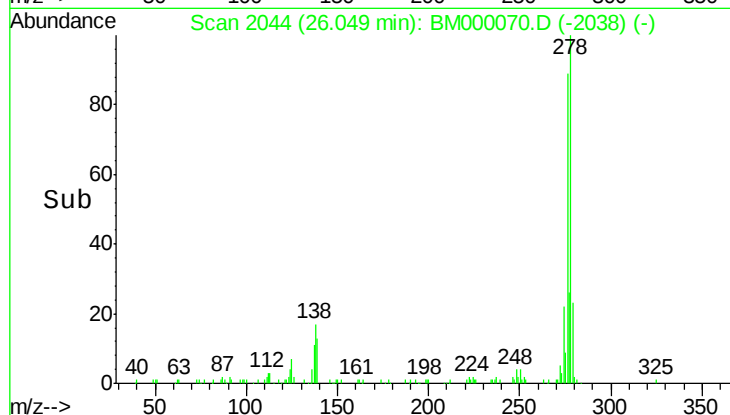
#90
 Dibenzo(a,h)anthracene
 Concen: 3.07 ng/ul
 RT: 26.05 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-Soil-4

Tgt Ion:	278	Resp:	176003
Ion Ratio	Lower	Upper	
278	100		
139	13.4	10.2	15.2
279	23.2	19.2	28.8

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#91
 Benzo(g,h,i)perylene
 Concen: 3.07 ng/ul
 RT: 26.75 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM000070.D
 Acq: 29 Dec 2014 22:06

Tgt Ion:	276	Resp:	171399
Ion Ratio	Lower	Upper	
276	100		
138	15.4	12.1	18.1
277	24.3	19.0	28.4

